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Rollins College General Catalog, 1970-1971

Rollins College

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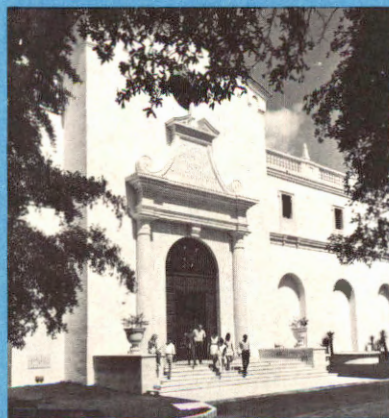
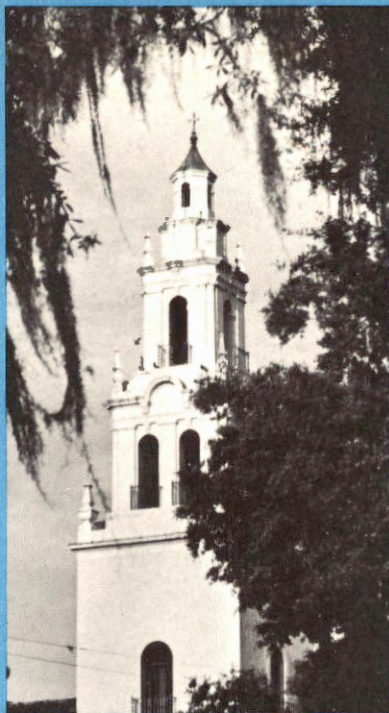
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ROLLINS COLLEGE

ROLLINS COLLEGE BULLETIN 1970-1971 - WINTER PARK, FLORIDA



1970-1971
GENERAL CATALOG

This catalog supersedes all previous issues. The College reserves the right at any time to make whatever changes may be found necessary.

ROLLINS COLLEGE BULLETIN

Vol. LXV

August, 1970

No. 3

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ROLLINS COLLEGE



GENERAL CATALOG

1970-1971

WINTER PARK, FLORIDA





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DIRECTIONS FOR CORRESPONDENCE

THE ROLLINS COLLEGE BULLETIN is the official organ of the college. It includes a statement of purpose, the courses offered, the standards of the College, and a listing of the faculty and administrative staff.

An admissions handbook with preliminary information about Rollins College is made available to all prospective students.

Correspondence to the College should be sent to:

Rollins College, Winter Park, Florida 32789

Admission of New Students
Director of Admissions

Readmission of Former Students
Dean of the College

Admission to Graduate Programs
Director of Admissions

General Information
Coordinator of Information

Entrance and Transfer Credits
Registrar

Students, Men and Women

Personal Welfare and Housing
Office of Student Affairs

Student Finances and Scholarships
Office of Student Affairs

Central Florida School for Continuing Studies
Admission, General Information
and Brochures
*Director, Central Florida School for
Continuing Studies*

Alumni Office
*Director of Alumni Affairs, Rollins
College Alumni Association*

Correspondence regarding the Patrick Air Force Base Branch of Rollins College (for admission, general information, and brochure) should be addressed to:

Director, PAFB Branch of Rollins College
Patrick Air Force Base, Florida 32925

Visitors to the College are always welcome. Tours of the campus are provided by the Admissions Office. It is suggested, however, that visits be scheduled in advance, especially during the busy Christmas and Spring Holiday seasons. The Admissions Office is open from 9:00 A.M. to 4:00 P.M., Monday through Friday, and from 9:00 A.M. to Noon on Saturday during the school year. Other College offices are open from 8:30 A.M. to 5:00 P.M. Monday through Friday. At any other time members of the faculty and administration may be seen by special appointment only.



THE ROLLINS CALENDAR

1970-71

Fall Term (Fourteen Weeks)

September 8, Tuesday *New Students Report to Campus by 5:00 P.M.*
September 12, Saturday *Registration of Former Students*
September 14, Monday, 8:00 A.M. *Fall Term Classes Begin*
October 28, Wednesday *Mid-term*
November 26, Thursday – November 29, Sunday *Thanksgiving Recess*
November 30, Monday, 8:00 A.M. *Classes Resume*
December 11, Friday *Last day of classes, fall term*
December 14, Monday – December 18, Friday *Fall Term Examination Week*

Winter Term (Five Weeks)

January 4, Monday, 8:00 A.M. *Winter Term Begins*
February 5, Friday, 5:00 P.M. *Winter Term Ends*

Spring Term (Fourteen Weeks)

February 9, Tuesday, 8:00 A.M. *Spring Term Classes Begin*
March 26, Friday *Mid-term*
April 3, Saturday – April 11, Sunday *Spring Recess*
May 14, Friday *Last day of classes, spring term*
May 17, Monday – May 21, Friday *Spring Term Examination Week*
May 28, Friday, 10:00 A.M. *Commencement*
(subject to change)



Introduction

BACKGROUND AND MISSION

Rollins College, founded in 1885, offered the first college level work in Florida. Established under the auspices of the Congregational Church, Rollins today is non-denominational, coeducational, and independently supported by income from tuition and investments of friends and alumni. Primarily a four-year undergraduate liberal arts college, Rollins offers graduate study in the Roy E. Crummer School of Finance and Business Administration and in certain special programs noted on pages 15 and 16.

The College is dedicated to sound liberal learning for those with the capabilities of leadership. Rollins does not propose an average education for the average student. Its mission is to offer education which emphasizes a maximum effort and commitment to innovative excellence by each student.

COMMUNITY AND CAMPUS

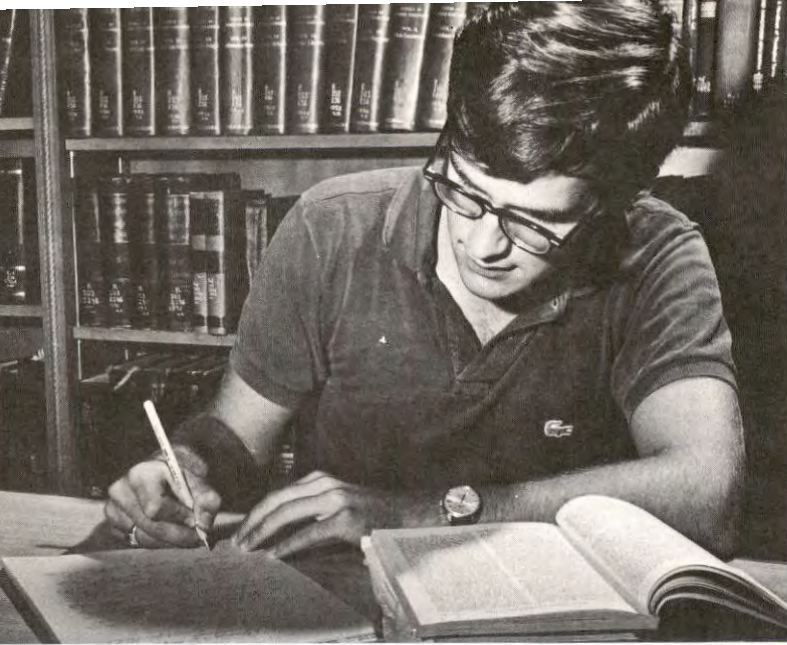
The College is located in one of the nation's most beautiful communities. The Central Florida area, noted for its natural beauty and emphasis on culture, is an important center of industry, science, and technology. In response to the needs of this fast-growing area, the College provides undergraduate degree programs through its Central Florida School for Continuing Studies, Patrick Air Force Base Branch, and evening graduate programs in physics, engineering physics, business administration and education. Community courses in creative arts for children and adults and special non-credit courses are



offered under the School of Creative Arts.

The Rollins campus comprises 65 acres in Winter Park, a residential community adjacent to the city of Orlando.

Fifty miles from the Atlantic Ocean and 70 miles from the Gulf of Mexico, the campus is bounded by Lake Virginia to the east and south. The campus is beautifully landscaped and its physical plant emphasizes a traditional Spanish-Mediterranean architecture. Value of the buildings and facilities is approximately \$30,000,000.



ACCREDITATION

Rollins College is an accredited member of the Southern Association of Colleges and Schools and of the National Association of Schools of Music. Rollins is also a member of the Association of American Colleges, the American Council on Education, the Florida Association of Colleges and Universities, the College Entrance Examination Board, the American Association of University Women, and the American Association of Colleges for Teacher Education.

DEGREES, CURRICULUM, AND MAJORS

The academic program of the College is centered in the basic liberal arts and sciences. Rollins confers the Bachelor of Arts and the honors Bachelor of Arts degrees in the residential College.

Majors are offered in the following: Art, Behavioral Science, Biology, Chemistry, Economics, Elementary Education, English, En-

vironmental Studies, Expressive Arts, French, German, History and Public Affairs, Latin American Studies, Mathematics, Music, Philosophy, Philosophy and Religion, Physics, Pre-Engineering, Pre-Forestry, Pre-Medicine, Spanish, and Theatre Arts.

A major strength of the Rollins curriculum is the opportunity provided for students to select interdisciplinary majors. The major in History and Public Affairs encompasses the disciplines of history and political science. The major in Behavioral Science includes anthropology, sociology, and psychology. Latin American Studies includes courses offered by departments from each division of the College. Environmental Studies, Expressive Arts, Pre-Engineering, Pre-Forestry, and Pre-Medicine majors are also interdisciplinary in content.

The student who selects an interdisciplinary major chooses a field of concentration within that major and explores it in depth, gaining an appreciation of its relation to relative fields through the interdisciplinary approach.

Facilities of the music department, two art galleries, and two theatres afford opportunities for both theoretical and applied study.

The freshman year offers interdisciplinary courses in the humanities, social sciences, and the natural sciences. In addition, a number of freshman courses are offered by various departments of the College. During the winter term, freshmen who have satisfied the English composition and language requirements participate in a directed study course related to their foundation course work during the fall term.

At the end of the freshman year, students select their major and satisfy most of the major department requirements during their sopho-

more and junior years. Senior departmental and interdisciplinary courses are required during the senior year and, in some fields, comprehensive examinations.

ENROLLMENT

The undergraduate student body numbers approximately 1100.

Rollins is international in scope: 42 states, the District of Columbia, and 20 foreign countries are represented in its student body.

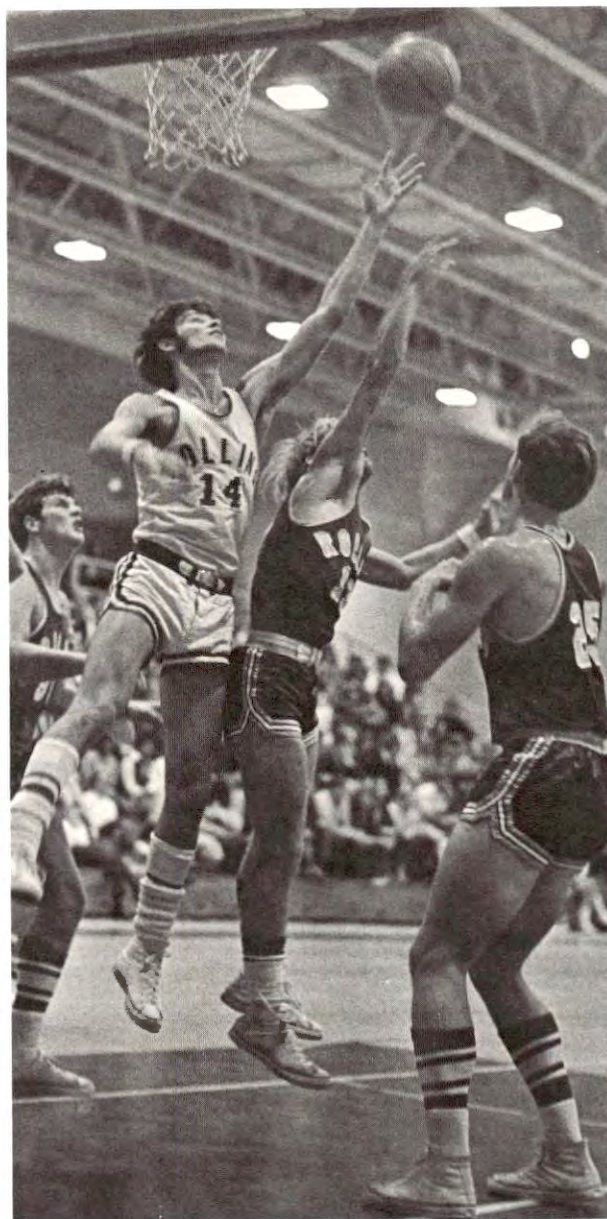
ADMISSION

Students are carefully selected on the basis of academic preparation and qualities of leadership. Scholarship help, loans, and work-aid are available for many students of proven ability and financial need. All applicants must take the examinations given by the College Entrance Examination Board.

ACTIVITIES

There are honorary, social, religious, athletic, dramatic, musical, literary, linguistic, and scientific organizations on campus. Included are fraternity and sorority chapters of national Greek letter societies. Independent Men and the Association of Unaffiliated Women welcome all students who are not members of a fraternity or sorority.

Rollins has excellent instruction in sports, but does not offer courses for credit in physical education. Intercollegiate varsity teams compete in six fields and intramural sports include a wide range of activities.





The College

OBJECTIVES

Rollins College is an independent liberal arts college which places the strongest emphasis on education planned for the individual. It is a young institution—young in thought, action, and in purpose—but old in its traditions of independence and of service to the community and nation.

The College program is aimed at developing students' ability to think, write, and speak cogently. At Rollins, education is planned to assist the student in gaining integrated knowledge of basic concepts in the methods of physical and behavioral sciences, a lively appreciation of literature and the humanities, and a sensitivity to expressive arts. Concentrated study in a particular field is a requirement for all students.

Rollins has charted an educational plan centered around these basic objectives:

1. To realize full potential as a distinctive liberal arts college offering broad, integrated education to those with the capabilities and motivation to become tomorrow's leaders.

2. To enhance its position among the leading private co-educational non-sectarian liberal arts colleges in the southeastern United States.

3. To assume a leadership role in those areas indicated by its tradition and inherent strength—in science, economics, public affairs, the arts, and preparation for the professions.

Since the days of President Holt, who established the Conference Plan, Rollins has emphasized close teacher-student contact. Under the

plan, teachers and students evoke oral and written expression from each other, an activity which leads the student to develop clear standards by which he may judge his own work. The College retains this method but not to the exclusion of other worthy approaches to teaching. The new curriculum features, for instance, alternating large lectures with small discussion classes for all freshmen.

Rollins' education emphasizes self-motivation and self-direction in the belief that it is what the student himself does, not what is done to or for him that matters.

HERITAGE

Founded in 1885 by 13 Congregational churches, Rollins is no longer identified with the Church. Out of this heritage, however, it has preserved, cherished, and enhanced the quality of aggressive independence. A pioneer in co-education in the southeastern United States, the College has been and continues to be a national institution, with students, alumni, and support throughout the country. From the beginning, too, it has maintained an active program of service to the Central Florida Community.

The College has enjoyed a succession of dedicated presidents. Edward Payson Hooker (1885-1892), George Morgan Ward (1896-1903), William Fremont Blackman (1903-1915), Hamilton Holt (1925-1949), and Hugh F. McKean (1951-1969) all contributed to the advancement of high standards of scholarship, close student-teacher relationships, and innovation in the educational process.

During the Hugh F. McKean administration, the College developed the Honors Degree Pro-

gram for exceptionally well prepared and qualified students. Graduate programs were established in physics, education and business. The Central Florida School for Continuing Studies, located in Winter Park, and a separate branch of the college at Patrick Air Force Base, together provide evening education programs for nearly 2,500 adults.

Outstanding facilities added to the campus include the Roy E. Crummer School of Finance and Business Administration, the Charles A. DuBois Health Center, the Archibald Granville Bush Science Center, the Enyart-Alumni Field House, and Holt Hall and New Hall, student residences.

THE FUTURE

Under the leadership of Jack B. Critchfield, selected President of Rollins College in 1969, the College has moved in the direction of developing programs in environmental studies and further innovation in the field of graduate business. A new women's residence hall is to be completed in 1970. Planned additions to the physical plant include an Expressive-Fine Arts Center, a Communication Arts Center, a new Student Union building, and expansion of the Mills Memorial Library.

ORIENTATION AND GUIDANCE

An extensive and carefully organized program of orientation and guidance is provided for all students.

All entering students assemble at the College a week in advance of the returning students. Each new student is assigned to a small group headed by an upperclassman and a faculty member. In

addition to learning about one another, the history and objectives of the College, details of the academic curriculum, the principles of student government, the operation of College rules, and the physical plan of the campus, each student takes a series of tests prepared by the Educational Testing Service of Princeton, New Jersey.

Each freshman student is assigned to a faculty adviser from the Academic Advisers Committee. This faculty group meets regularly throughout the academic year to discuss individual students' programs and progress, and to shape a consistent and uniform policy.

Each adviser is available for conferences with his student advisees, and attempts to lead each student toward greater acceptance of responsibility in reaching reasoned decisions.

Shortly before the end of his freshman year at Rollins, the student chooses a major. The student then selects a professor in the major department to serve as his adviser.

The Office of Student Affairs, the College Testing office, and the Health Service provide for counseling of students on problems related to satisfactory adjustment to college.

In addition, in each freshman residence hall members of the staff of the Office of Student Affairs assist the freshmen in attaining a successful start in their academic career at Rollins.

BUILDINGS AND EQUIPMENT

The newer buildings on the campus are similar in architectural design, marked by a strong Mediterranean influence; thirty-three have been erected within the last forty years.

Presently under construction, a 198-bed

women's residence hall for upper class students joins the group of women's dormitories whose most recent previous addition is Elizabeth Hall, built in 1958 for freshman women. On the men's side of the campus, eight freshmen and a selected upper class counselor are assigned to each unit of New Hall, opened in 1962. The most recently built men's dormitory, Holt Hall, houses approximately 78 non-fraternity students.

THE MILLS MEMORIAL LIBRARY

The Mills Memorial Library building, presented through the generosity of the Davella Mills Foundation, was occupied in the fall of 1951. On March 1, 1970, the library contained 138,696 cataloged volumes (books and bound periodicals) and 7,316 maps. It receives 551 current periodicals (including 18 newspapers), is a selective depository for U.S. Government publications, and has extensive holdings of recordings, pamphlets, microfilm and microcard materials, and mounted art plates.

The library has two main floors in the public area; a large basement housing the broadcasting studios of Station WPRK, a projection studio for the presentation of instructional films, slides, and film strips, and a six-level book stack with a capacity of 170,000 volumes. Five levels are open stacks; the sixth level houses the College Archives, the government documents, gifts, duplicates and exchanges. Reading rooms, study carrels, and loggias seat approximately 350. The reference room opens onto a shaded patio. Adjacent to the reference room are a newspaper and periodical lounge and a map and atlas room.

The reserve reading room, the browsing room,

and two listening rooms are located on the second floor. The Jessie Rittenhouse, Walt Whitman, Benjamin Franklin, and Constance Fenimore Woolson special collections, the library of the Hispanic Institute, the art reference picture collection, and the phonograph records collection are also on this floor.

The Rare Books and Floridiana Room on the main floor contains valuable manuscripts and an outstanding Florida collection noted for its extensive and rare items of Floridiana. The Union Catalog of Floridiana, in the public catalog area, is the most complete index on this subject in existence.

The facilities of the Mills Memorial Library are open to residents and visiting scholars and writers in Winter Park.

Income from endowments is supplemented by an annual appropriation from the general funds of the College for the library's budget for books, periodicals and other expenses. The Rollins "Book-A-Year Club" is made up of friends of the library who have contributed memberships or memorials of \$150 each to the endowment, thus providing in perpetuity one new book each year, bearing the name of the donor. Gifts to the College of private collections and of cash for specific purposes are other valuable sources of library materials.

THE CRUMMER SCHOOL LIBRARY

The Crummer School departmental library, located in the Roy E. Crummer School of Finance and Business Administration, contains 6,121 cataloged books, 268 periodical and newspaper subscriptions (including gifts), and more than 1,000 uncataloged reports, and pamphlets.

BUSH SCIENCE CENTER LIBRARY

The Bush Science Center Library, located on the second floor of the Archibald Granville Bush Science Center, was opened in January 1969. This library contained 5,689 books and bound periodicals on March 1, 1970. It has more than one hundred current periodical subscriptions.

1620 ELECTRONIC DIGITAL COMPUTER

An International Business Machines 1620 electronic computer system facilitates administrative functions such as admissions, billing, scheduling, and recording of grades, and allows entry into new levels of teaching and research. Significant is the instruction in computer FORTRAN (FORMula TRANslation) programming language provided to students in numerical analysis to allow computer solution of classroom problems.

THE ROLLINS MUSEUMS

The Thomas R. Baker Museum, named in honor of its founder, has scientific collections used in the study of natural science.

The Beal-Maltbie Shell Museum with its famous collection of shells, occupies a specially designed building on the campus. Many of the shells are extremely rare.

The Morse Gallery of Art contains probably the finest exhibition in the world of Louis Comfort Tiffany's various art works. The recently remodeled Gallery, first opened in 1942 by Mrs. Hugh F. McKean as a memorial to Chicago industrialist Charles H. Morse, includes thirteen windows in which Tiffany experimented with new techniques. The permanent exhibition also includes the breakfast table and chairs from Tiffany's great Art Nouveau mansion at Oyster Bay, Long Island, and examples of his paintings



and work in pottery, silver, and jewelry.

The Rollins Museum of Art represents the first step in the development of a comprehensive fine arts center for the College. Located on Interlachen Avenue in the former President's residence (Holt House), the Museum offers a continuing display of art treasures. Among paintings in the permanent College collection are works by Sir Anthony Van Dyck, Tintoretto, Gilbert Stuart, Francesco de Mura, Madame Vigee LeBrun, Lamar Dodd, Anna Mary Robertson (Grandma) Moses, George Inness, Lavinia Fontana, and Childe Hassam. Also on display are leaded stained glass windows by Louis Comfort Tiffany.

The Museum of Living Art, a collection of art of all periods, is dispersed and shown in various buildings of the College. The Smith Watch Key Collection, one of the most extensive of its kind, presenting 400 years of history in this aspect of jewelry making, is on display in the Archibald Granville Bush Science Center.

THE ROY E. CRUMMER SCHOOL OF FINANCE AND BUSINESS ADMINISTRATION

The Roy E. Crummer School of Finance and Business Administration of Rollins College was established through the interest of the late Mr. Roy E. Crummer, who donated \$1 million for the purpose of providing the highest quality of professional preparation for future businessmen based upon a solid background of liberal education. The School offers to Rollins students an opportunity to combine education in the liberal



arts and training for careers in finance and management in a five-year educational sequence.

INTERNSHIPS AND SCHOLARSHIPS IN CRUMMER SCHOOL

Students from the undergraduate college of Rollins, seeking to enter the two-year Crummer Program at the end of either the junior or senior year may apply for scholarship assistance.

A number of industries and firms have established scholarships and/or internships in the Crummer School. Applications for these scholarships should be made through the office of the Dean of Student Affairs or the Dean of the Crummer School.

*THE CENTRAL FLORIDA SCHOOL
FOR CONTINUING STUDIES – A
DIVISION OF ROLLINS COLLEGE*

The rapid growth and development of the Central Florida area following World War II brought Rollins College many requests for additional educational services. In 1951, the College introduced an adult evening program, part of which evolved into The Central Florida School for Continuing Studies, a Division of Rollins College.

Open to qualified adults, the School provides a liberal arts program leading to the degree of Bachelor of General Studies. Concentrations are offered in business administration and economics, the humanities, mathematics and science, preparation for teaching, the social sciences, and criminal justice. The latest addition, criminal justice, is specifically addressed to the task of raising the educational level as well as the prestige of law enforcement officials and typifies the responsiveness of the school to societal needs.

PATRICK AIR FORCE BASE BRANCH

At Patrick Air Force Base, Rollins College maintains a branch whose student body comprises military, civil service, and contractor personnel, plus elementary and secondary school teachers of Brevard County. These students follow individualized programs leading to the degree of Bachelor of General Studies.

Information about admission and a descriptive brochure may be secured by writing to Dr. Edwin A. Muth, Director, P. O. Box 4393, Patrick Air Force Base, Florida, 32925.

*THE GRADUATE PROGRAMS OF
ROLLINS COLLEGE*

Rollins College offers graduate degree programs in the areas of business administration, physics, engineering physics, and teaching. Descriptive bulletins of the various graduate programs may be secured from the Admissions Office of the College. Admission to any one of the programs is arranged through the Admissions Office.

*1. GRADUATE PROGRAMS IN FINANCE AND
BUSINESS ADMINISTRATION*

a. The Crummer Program

The Roy E. Crummer School of Finance and Business Administration offers a curriculum leading to the degree of Master of Business Administration. This program, limited to full-time graduate students, provides preparation for financial and industrial management at a professional level. The two-year sequence of study, incorporating modern concepts of financial administration, data processing, automation, and behavioral and management sciences, is designed to permit qualified Rollins College seniors and selected applicants from other accredited colleges to earn the degree of Bachelor of Arts at the end of their fourth year, and the Master of Business Administration degree at the end of the fifth year of college work.

Further information concerning the Crummer Program is set forth on pages 29-30.

b. Master of Science in Management

This program, under the direction of Dr. Charles A. Welsh, Dean of the Crummer School, offers

to qualified graduates of accredited colleges a curriculum of part-time evening studies designed to prepare candidates for responsible supervisory and administrative positions in management. The courses leading to the Master of Science in Management degree include optional concentration in the field of general management and engineering management. The program is accredited by state and regional authorities, and accepted for the training of veterans. Specific entrance requirements and procedures are set forth in the bulletin of the graduate programs.

2. MASTER OF SCIENCE PROGRAM

The College offers a Master of Science program with majors in either Physics or Engineering Physics. This program is under the direction of Dr. John S. Ross, Professor of Physics.

This program is designed to provide a sound working knowledge of advanced physics for both physicists and engineers. All courses are offered in the evening for the convenience of those employed during the day in local industries and laboratories. Offerings include advanced mathematics, analytical mechanics, electromagnetic theory, atomic and nuclear physics, quantum mechanics and solid state physics.

A major in Physics completes a research project and thesis, while a major in Engineering Physics will fulfill the requirements by taking six additional hours of course work.

3. GRADUATE PROGRAM IN EDUCATION

This program under the direction of Dr. Marshall M. Wilson, offers to qualified graduates of accredited colleges curricula leading to either the

Master of Arts in Teaching or the Master of Education degree. The Florida State Department of Education has approved the program as a guide to granting the Post Graduate (Rank II) Certificate to eligible applicants.

a. Master of Arts in Teaching

This degree is available to the liberal arts graduate who as a part of his undergraduate study did not complete a teacher education program sufficient to enable full certification. The plan of study will include courses in professional education and depth study in the area of teaching specialty.

b. Master of Education

This degree is available to the graduate who has completed a teacher education program sufficient to enable full certification. The plan of study will include a major in a professional specialty area and courses in the teaching specialty.

Specific admission requirements and procedures are set forth in the *Bulletin* of the Graduate Program in Education.

HONORS PROGRAMS

Rollins College offers two distinct honors programs, each of which satisfies the needs of a particular category of students:

1. **THE HONORS DEGREE PROGRAM.** This program is designed for academically superior students who are ready to do honors work in

their freshman year and are prepared to follow a four-year curriculum leading to a special Honors B.A. degree. Successful candidates in this program graduate with a pass, *cum laude*, *magna cum laude* or *summa cum laude*.

This program has the following main objectives:

- a. To provide an intensive liberal arts education.
- b. To ensure a solid preparation for graduate training.

Freshmen are invited to enter the program towards the end of the fall term on the basis of their high school records, performance in college and an interview with the Honors Committee. Experience has shown that the student who is best suited for the program is one who enjoys academic work, is able to work on his own, has a fairly clear idea of his field of specialization before entering the program, and intends to go on to graduate school.

The Honors B.A. degree is offered in the following fields: art history, behavioral science, biology, chemistry, economics, English, French, German, government, history and public affairs, mathematics, philosophy, physics, Spanish, and theatre arts. The program has its own graduation requirements, a distinctive curriculum, and its own specialist academic advisers.

Curriculum

The curriculum is designed to add greater depth in the major field and more advanced independent work to the interdisciplinary emphasis of the normal program. These features are provided in the following manner:

1. DEPTH IN THE MAJOR FIELD

Students are required, in addition to satisfying the major field requirements for the normal degree, to take an extra graduate-level course in the field, pass a comprehensive examination, and complete a research project with its associated thesis.

2. INDEPENDENT STUDY

All students in the program follow a four-year, planned, independent study sequence having a systematically increasing level of difficulty and a decreasing level of supervision.

3. INTERDISCIPLINARY COURSES

All participants are required to take the freshman Foundation Courses offered in the normal program. In their senior year they are required to take the Senior Synoptic Course.

Graduation Requirements

To graduate from the honors degree program, candidates must satisfy course, grade, credit, examination and residence requirements. The course and examination requirements have already been stated; the grade and credit requirements follow:

A. GRADE REQUIREMENTS

The following table lists the grade requirements students must attain to earn the honors degree and to graduate *cum laude*. Graduation *magna cum laude* and *summa cum laude* are at the discretion of the Honors Committee.

<u>Requirement Areas</u>	<u>Cum Laude</u>	<u>Pass</u>
a. Cumulative Average	10.50	9.50
b. Comprehensive Examination	B+	B-
c. Research Project	B+	B-
d. Individual Study Average	10.00	9.00

B. CREDIT REQUIREMENTS

<u>Courses</u>	<u>No. of Courses</u>
1. Interdisciplinary Courses	
a. Foundation (Humanities)	2
b. Foundation (Social Sciences)	2
c. Foundation (Natural Sciences)	2
d. Departmental Senior Seminar	1
e. Senior Synoptic Course	1
2. Independent Study	
a. Directed Honors Project	1
b. Independent Study (Sophomore)	1
c. Departmental Independent Study (Senior)	1
d. Advanced Independent Study	1
3. Research Project	2
4. Additional Major Field Requirements	10
5. Electives	12
Total	36

2. THE HONORS AT GRADUATION PROGRAM. This program is designed for the superior student who is qualified and prefers to begin honors work in his junior year, although applications may be made at the beginning of the senior year. Students in this program read for the standard B.A. degree, but they may graduate with distinction, high distinction, or highest distinction.

Qualified students are normally invited at the end of the second term of their junior year by the Committee on Honors Work to engage in independent study for Honors at Graduation. An approved plan of independent study may be started in the third term of the junior year but cannot be started later than the beginning of the winter term of the senior year. The candidate for Honors submits a thesis project which must be approved by the Committee on Honors Work no later than January 10 in the winter term of the senior year.

The thesis must be presented (Office of the Dean) not later than Monday morning of the sixth week of the final term of the senior year. It must be typewritten, with an original and two carbon copies. The original is filed in the College library; the first copy goes to the files of the major department, the other is returned to the student.

The honors thesis may be written in conjunction with the student's regular program; if he intends to register for a course of Independent Study, the subject matter of which is to have a direct bearing on his Honors Project, he may combine the two, and the Independent Study credits will be included in the Honors credits.

A student who is a candidate for Honors at Graduation takes final examinations which include a written examination in the major field, and an oral one in the special field covered by the thesis. The Graduate Record Examination will be used as the written examination in the event that no GRE Advanced Test or other suitable examination exists in the student's major field. The oral examination is conducted by a special committee appointed by the Dean

of the College, consisting of the candidate's sponsor, members of his major department and two members from other departments. One or more members of the Committee on Honors Work will be present at this examination.

The program for Honors at Graduation carries a minimum of one course and a maximum of two courses credit for the senior year. Once the program has been approved, it may be dropped only with the joint permission of the sponsor, the adviser, and the Committee on Honors Work.

Seniors participating in Individual Study for Honors are designated at graduation as follows:

GRADUATION WITH DISTINCTION — A cumulative average of 10.00 and recommendation of the Committee.

GRADUATION WITH HIGH DISTINCTION — A cumulative average of 10.50 and recommendation of the Committee.

GRADUATION WITH HIGHEST DISTINCTION — A cumulative average of 11.00 and recommendation of the Committee.

A student who has not done independent study for Honors, but whose general average is high may be awarded his degree with distinction. The requirement for this honor is an average for all courses of not less than 11.00.

HONORS AND PRIZES

The Trustees of Rollins College have established the five following awards:

The Rollins Decoration of Honor, established in 1935, "to be given only in recognition of

distinguished and eminent service to Rollins College and to be awarded only to alumni, trustees, members of the faculty or administrative staff, or friends of the College."

Three medals honoring "great Presidents" of the College:

The Hamilton Holt Medal, established 1956, which "can be given to the famous or the unknown . . . It must, however, always be given to those who have in some way shown that any man anywhere, guided by truth and armed with honesty, can find his own true destiny."

The William Fremont Blackman Medal, established 1958, "to be awarded alumni, trustees, faculty, administration, students, or friends of Rollins in recognition of distinguished achievement which advances [President Blackman's] ideals."

The George Morgan Ward Medal, first given 1959, "to be awarded to those who have exemplified the ideals for which President Ward stood and the sacrifices which he made in the cause of Christian education."

The Roy Edwin Crummer Medal, first given 1968, "to memorialize the rare qualities demonstrated in Mr. Crummer's life and to honor fine qualities in others."

THE ACADEMY OF AMERICAN POETS POETRY PRIZE of \$100 may be awarded annually for the best poem or group of poems submitted during the year by a Rollins undergraduate. The award, which is administered by the English Department, is made possible by a bequest from Mrs. Mary Cummings Eudy, a former member of The Academy of American Poets.

THE THOMAS R. BAKER MEMORIAL PRIZE may be awarded to the junior student who has maintained the highest scholarship record in the study of chemistry.

THE RALPH LYMAN BALDWIN AWARD of \$50 and a medallion may be given to the graduating major in organ or composition who is deemed by the music faculty as most worthy of the honor.

THE J. GORDON CLERK TROPHY was donated in 1945 by Mrs. J. Gordon Clerk in memory of her husband, killed in action in World War II. A cup is awarded to the men's group with the greatest number of points in athletics at the end of the sports year. Permanent possession is granted to any group winning the trophy for three consecutive years.

THE NINA O. DEAN LIBRA GROUP LEADERSHIP AWARD is presented annually by the Order of the Libra, women's honorary group, to the women's social group that is outstanding in campus leadership as it exemplifies Libra's balanced life ideal.

THE DECOURCY MUSIC PRIZE of \$50, established in 1965 by Mr. and Mrs. William E. Decourcy, may be awarded annually to the outstanding student, preferably a senior, in the Department of Music.

THE LECOMTE DU NOUY ESSAY PRIZE may be awarded annually to the Rollins student who submits the best essay on a subject covered by the works of the late Lecomte du Nouy. The

prize consists of income from a \$3,000 fund established for this purpose.

THE CYNTHIA WILLIAMS EASTWOOD AWARD, to recognize outstanding contributions to Rollins College by an unaffiliated woman, was established in 1968 by the Association of Unaffiliated Women and named "in honor of a woman of independent spirit who has made outstanding contributions to Rollins College" through many years. The award is to be presented by the president of the donor group at the all-college awards assembly each year.

THE HOWARD FOX LITERARY PRIZE is furnished from the income of a \$5,000 fund given by Howard Fox of New York City in honor of his lifelong friend and former Rollins College president, Hamilton Holt. This prize is offered for the best piece of literature produced by a student at Rollins College, considered on the basis of originality, human interest, and craftsmanship.

THE GAMMA PHI BETA SORORITY ECONOMICS PRIZE is offered to the senior woman who has earned the highest scholarship record in economics or business administration. The object of this prize is to create interest in these fields among women students.

THE BARBARA S. GOLDNER SCHOLARSHIP AWARDS are awarded annually at final Honors Day on the basis of the best overall academic average of the pledge classes for the term in which they were pledged. Separate awards are presented to the best men's and women's pledge class. These awards were created by the class of 1962 in memory of Barbara S. Goldner.

THE ARTHUR KNOWLES HUTCHINS MUSIC AWARD of \$100 was established in 1957 by James O. Hardee for the encouragement of and assistance to scholarship students majoring in music who have shown outstanding personal and musical development, achievement, and promise.

THE INTRAMURAL TROPHY is awarded annually to the men's group with the greatest number of points in intramural competition. This trophy becomes the permanent possession of any group winning it for three consecutive years.

THE GEORGE CHANDLER HOLT SCHOLARSHIP TROPHY, established 1958, is awarded annually at an all-College convocation to the fraternity that maintained the highest academic average during the preceding school year.

WOMEN'S INTRAMURAL TROPHIES are awarded annually. Permanent possession is granted to any group that wins a trophy for three consecutive years.

Archery – presented by Pi Beta Phi.
Basketball – presented by Alpha Phi.
Bowling – presented by Women's "R" Club.
Golf – presented by Kappa Alpha Theta.
Softball – presented by Women's Physical Education Department.
Sportsmanship – presented by Alpha Phi.
Swimming – presented by Chi Omega.
Tennis – presented by Kappa Kappa Gamma.
Volleyball – presented by Gamma Phi Beta.

THE WALTER B. JOHNSTON MEMORIAL AWARD of \$50, established 1959 by the Student Council, may be given annually to an outstanding premedical graduating student whose record and character indicate his life will be devoted to the ideals of the former Rollins College physician.

THE KAPPA GAMMA SCHOLARSHIP TROPHY, established 1959, is awarded annually at an all-College convocation to the sorority that maintained the highest academic average during the preceding school year.

THE PETER MACNEIL MEMORIAL AWARD was established in 1964 by the Chapel Choir as a result of a gift from Mr. and Mrs. John MacNeil in memory of their son. The award in the form of a medallion may be presented annually to a freshman student in the choir who best exemplifies Peter's character, idealism, and devotion to music, particularly to church music.

THE O'BRIEN INTRAMURAL TROPHY, donated by Mr. Neill O'Brien of Winter Park in 1946, is awarded to the women's group that has the greatest number of points at the completion of the intramural sports season. Permanent possession is granted if the trophy is won three consecutive years.

THE ODK LEADERSHIP TROPHY is awarded by the Alpha Iota Circle of Omicron Delta Kappa, honorary fraternity, to the men's group that has the best composite record of achievement and leadership in scholarship, student government, social and religious affairs, ath-

letics, publications, speech, music, drama, and other arts.

THE PHI MU ATHLETIC AWARD may be presented annually by the Phi Mu Fraternity to the outstanding senior woman athlete.

THE PI BETA PHI DRAMATICS PRIZE is given by the Pi Beta Phi Fraternity for the greatest improvement made by a student in theatre arts.

THE PI GAMMA MU HONOR MEDAL, established 1956 by Florida Delta Chapter of Pi Gamma Mu, may be awarded annually to an outstanding senior in the social science field.

THE COLONEL RICHARD C. PLUMER MEMORIAL AWARD is given annually to a student of business law who is outstanding in the qualities represented by Richard C. Plumer: scholarship, integrity of mind, humbleness of soul, and rendered service to his fellow men in a spirit of kindness and dignity. The award is the income from a fund created by the Class of 1954 in memory of Colonel Plumer.

THE CHARLES HYDE PRATT CREATIVE WRITING AWARD. \$50 is available for annual presentation to a Rollins student outstanding in creative writing.

THE MARIE RACKENSPERGER PRIZE FOR EXCELLENCE IN SPANISH, established 1966, is a dictionary, "Pequeño Larousse Ilustrado," which may be presented annually to an outstanding junior Spanish major recommended by the Spanish Department.



THE GENERAL REEVE AWARDS FOR SCHOLARSHIP, established in 1945 by the late General Charles McCormick Reeve in recognition of high scholastic standing, are awarded at graduation each year to the five seniors who have maintained the highest scholastic record during their last three years at Rollins.

THE SIGMA XI AWARDS. The Sigma Xi Club of Rollins College authorizes the science faculty to select each year an outstanding senior science student for the Sigma Xi Award. This award is used in the pursuit of postgraduate or professional school studies.

An additional award is presented each year to the junior science major who, in the opinion of the science faculty, is most deserving of recognition.

THE FRED STONE AWARD is for excellence in work done in the Fred Stone Theatre, in acting, directing, or designing. The recipient's name is engraved on a trophy which remains permanently in the Theatre Arts Department. This trophy was presented many years ago to Mr. Fred Stone by his admirers in the professional theatre. After his death it was given to the Fred Stone Theatre.

THE ALGERNON SYDNEY SULLIVAN AWARD. In 1925 the New York Southern Society established the Algernon Sydney Sullivan Award. This award, a bronze medallion, is intended to perpetuate the memory of its esteemed founder. It is designed to recognize and encourage in others those same principles of love and service to mankind that were his dominant characteristics.

Rollins College has the honor of being one of the limited number of institutions chosen to bestow this award. It may be given each year to not more than one man and one woman of the graduating class, and to one other person who is not a student of the College.

The recipients of the award are chosen by the faculty of the College. In the selection of the recipients, "nothing shall be considered except the possession of such characteristics of heart, mind and conduct as evince a spirit of love for and helpfulness toward other men and women!"

THE THETA ALPHA PHI FRESHMAN AWARD is a prize given by the Rollins chapter of this national honorary fraternity to the first-year man and woman doing outstanding work as actors or technicians in the Theatre Arts Department.

THE THETA ALPHA PHI SCHOLARSHIP AND ACHIEVEMENT AWARD of \$100 is available annually to an upperclass student majoring in theatre arts who has maintained a high academic average and has also participated actively in the theatre program.

THE TIEDTKE AWARD is a gold medal given by Mr. John Tiedtke to a student who has shown outstanding achievement and progress in the fine arts.

THE WILLARD WATTLES ENGLISH AWARD is a book presented by the Rollins Key Society to the junior English major with the highest over-all academic average.

THE ROLLINS STANDARD

GENERAL POLICIES OF THE ROLLINS CODE OF STUDENT CONDUCT

- A. Rollins College is dedicated to the kind of liberal arts education which fosters the personal and social development of the individual as much as his intellectual achievement. It is therefore a basic aim of the College to provide an environment which will help students to develop into mature, responsible adults. This Code of Student Conduct and the Student Government both make vital contributions to forming such an environment.
- B. The College expects all students to obey the laws of the local community, the state and the nation, as well as the College law. In case a student violates a community, state or national law, the College will not request special consideration for him because of his status as a student. Violators of College law are liable to disciplinary action by the Student Court.
- C. A student cannot be tried by the Student Court for violating a community, state, or national law unless the violation of College law is involved. If he is charged and convicted by a civil court, however, he may be tried subsequently by the Student Court for any damage he may have done to the reputation of the College.
- D. No officer or member of any recognized campus group may use his (or her) official position in any way to aid or encourage

the members of his (or her) group to violate any local community, state, or national law.

- E. All student conduct should adhere to the principles of safety, thoughtfulness, consideration of others, suitability, and decorum.

CONDUCT OF STUDENTS

It is a part of the Rollins tradition that the learning which takes place on the campus through our classroom instruction, religious activities, social functions, and all other opportunities for interpersonal and intellectual relations is of utmost concern to the College.

The faculty has been entrusted and charged by the Board of Trustees with all matters pertaining to the order, instruction, discipline, and curriculum of the College. It is responsible for the maintenance of good order and discipline within the student body, and for the authorization and enforcement of needed rules and regulations. The faculty, in turn, has delegated certain of these responsibilities to the Dean of the College, the Dean of Student Affairs, the Rollins Student Association, and the Student Court.

The possession or use of alcoholic beverages by minors is illegal in Florida. Possession or use of alcoholic beverages is expressly forbidden on the Rollins campus. Intoxication or disorderly conduct by Rollins students is not permitted.

Rollins College does not condone the possession, use, or distribution of marijuana, LSD, or any stimulant, depressant, narcotic, or hallucinogenic drugs by any of its students except on

the prescription of a physician or dentist as prescribed by law.

No firearms of any kind are allowed on campus.

As part of the over-all educational program on the campus, students assume responsibility both for group and for individual behavior. Any student who makes himself an undesirable citizen of the campus or community because of unsocial or irresponsible acts, or because of his general attitude, may be warned, placed on probation, advised to withdraw, be suspended, or be dismissed from college as the conditions warrant, either by the faculty, the Dean of Student Affairs, or by the Student Court.

STUDENT GOVERNMENT

All regularly enrolled undergraduate and Crummer students pay the Student Association fee and become members of the Student Association. The activities of the association are administered by the students, with the cooperation of the administration and faculty of the College. The purpose of the association is the management of publications and other student activities, and the promotion of self-government.

A student to be eligible to hold elective or appointive positions on the Rollins campus must maintain a 6.0 (C) cumulative grade average.

SOCIAL PROBATION

A student who makes himself an undesirable citizen of the campus or community because of unsocial or irresponsible acts or general attitude may be placed on social probation by the Student Court.

While on social probation, a student must comply with restrictions outlined by the Stu-

dent Court or by the Dean of Student Affairs.

MARRIAGE

In order to remain in good standing at Rollins College, students planning to be married will notify the Dean of Student Affairs and have the consent of their parents (if they are not of legal age) prior to the wedding. The College is not responsible for refunding any portion of the boarding charge to students who become day students because of marriage during the academic year. The College does not operate housing facilities for married students.

RESIDENCE HALL AND DINING ROOM REGULATIONS

The Board of Trustees has adopted the following requirements for College residence halls and the dining hall:

1. Every regularly-enrolled undergraduate student is required to live in one of the College residence halls and to board at the College dining halls unless specific approval for exceptions is obtained from the student deans.

2. Since regularly-enrolled undergraduate students must live in College residence halls, a student may not maintain an apartment or domicile off campus without written approval of the student deans.

3. Alcoholic beverages may not be served in residence halls or on College property.

4. College residence halls will remain open but the dining hall will be closed during Thanksgiving and spring vacations.

5. College residence halls and the dining hall are closed during the Christmas holidays.

6. Students are not allowed to have pets in College residence halls or on the College campus.

7. Graduate students may reside off campus, provided that they receive the specific approval of the student deans.

Regulations 1 and 2 do not apply to students who live at home with their parents, and commute.

RESERVATION OF ROOMS

When the April 15 payment is received from a returning boarding student, a room is reserved for him. If a student fails to meet the deadline of payment of his reservation fee, the College is not obligated to allow the student to return for the following academic year.

Information concerning the reservation and assignment of rooms for freshmen is covered under Student Expenses, page 39.

All rooms are furnished with single beds, dressers, study tables, and chairs. All other furnishings must be provided by the occupant. Each resident is held responsible for the condition of all equipment in his room. Damages or expenses are assessed to the student responsible.

The general fee for boarding students includes linens. Each week a boarding student is issued two sheets, one pillow case, three bath towels, and one face cloth.

AUTOMOBILE REGULATIONS

Students at Rollins College are allowed to own and maintain automobiles with the permission of their parents and under the following regulations:

1. All motorized vehicles of attending Rollins College students must be licensed and must have a current Rollins decal displayed on the lower

right corner of rear windshield.

2. The registration fee for cars and other motorized vehicles shall be \$3.00 for on-campus permit. For Freshman boarding students only, the registration fee shall be \$1.00 for off-campus permit. The person to whom the vehicle is registered will be liable for any violations attributed to the vehicle. Freshmen boarders may own or operate a motor vehicle at Rollins but may not park on campus at any time.

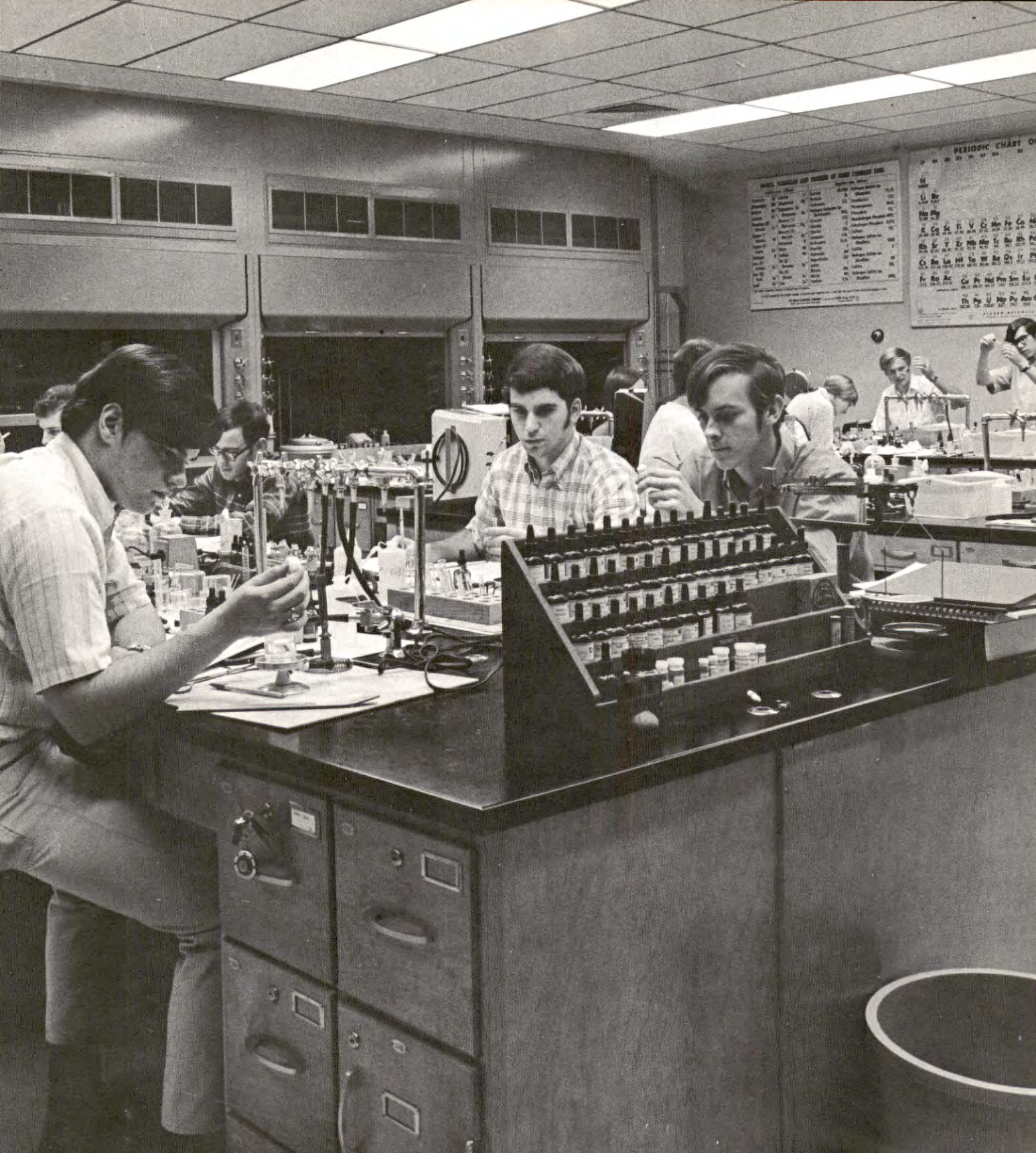
3. No student is permitted to maintain or operate a motor scooter, motorcycle, or motor-bike in Orange County.

4. The speed limit on Rollins College campus is 15 miles per hour. Reckless driving and excessive speed are prohibited. Reckless driving and excessive speed on campus will result in automatic referral to the Traffic Court.

5. Campus parking regulations, distributed to the students at registration time (and, as amended, through the year) will be strictly enforced. Violators will be fined \$2 per ticket. After receiving 5 tickets in one term a student may be required to appear before Traffic Court, and excessive violations may result in suspension of the privilege of owning or operating a vehicle on campus. Failure to register a vehicle promptly will raise the registration fee to \$10. Violators who neglect to pay their fines within 2 weeks will have their fines listed on the ledger of the Cashier of Rollins College.

6. Every campus student's automobile must carry personal liability and property damage insurance. All accidents and cases of reckless driving must be reported to the student deans.

7. The student deans reserve the right to revoke any student's privilege of having an automobile on the campus.



Careers through Rollins

An excellent foundation for advanced study may be acquired at Rollins College in behavioral science, biology, chemistry, economics, English, foreign languages, history, mathematics, philosophy, physics, and public affairs. Rollins courses provide an equally excellent background for teaching in a college or university, or entering a specialized career in research, public service, or industry.

Cooperative agreements between Rollins College and certain universities make it possible for students to *shorten the time of preparation* when their academic ability and performance meet the requirements of the professional school concerned. This is an advantage for the student who wishes to have a *liberal arts foundation for his later specialization*. Such a foundation is preferred by employers, and is recommended by many professional schools in technical and professional areas.

BUSINESS ADMINISTRATION

THE ROY E. CRUMMER SCHOOL OF FINANCE AND BUSINESS ADMINISTRATION

To Rollins students interested in business careers, The Roy E. Crummer School of Finance and Business Administration offers unique opportunities to pursue three years of liberal arts education, followed by a two-year program of training for management. Qualified students may apply for admission to the Crummer program at the end of their junior year at



Rollins. Those students admitted to the program devote their senior year to a prescribed group of subjects, and receive the degree of Bachelor of Arts at the end of their senior year. Successful completion of an additional year of study at the graduate level in the Crummer program makes possible the attainment of the Master of Business Administration degree at the end of the fifth year of college work. This "3-2" combination of undergraduate and graduate work thus maximizes the recognized career values of both liberal arts education and management training for the student seeking a career in finance and industry, while shortening by one year the time generally required to obtain both a Bachelor's and a Master's degree in business administration.

Applicants from other colleges who have a sound three-years liberal arts background may be considered for the Crummer program. Two years of study will be required to obtain the Master's degree.

The program of the Crummer School is based upon the concept that professional-level education for financiers and managers must build, upon the foundations of liberal arts and traditional managerial skills, the understanding required to cope with the demands of a new phase in the evolution of enterprise. To manage effectively in an era of dynamic technology, highly competitive corporate entities, and rapid social and economic change, the new generation of managers must have a forward outlook. These men must possess comprehension of the fundamental managerial uses of automation, data processing, information systems, financial strategy and planning, and keen awareness of the human values served by business and industry, as well as the human values utilized in that service.

To ensure that the business administration student is exposed to a realistic educational experience, the Crummer program is organized around certain dominant goals, using the most modern methods available. These goals and their means of realization include:

a. Emphasis upon the managerial use of data processing and automation techniques in modern corporate and industrial systems, and their impact upon business organizations and society.

b. Emphasis upon the human behavior and values in business and economic affairs and the relations between the business organization,

government, and society.

c. Emphasis upon individual ability to relate business experience and principles effectively in sound managerial judgments. The practice of decision-making in direct simulation of the business setting lends invaluable experience to the student of management and finance.

Internship in Business. To achieve the optimum combination of work and study during the student's participation in the Crummer program, each candidate for the Crummer degree must engage in an Internship in Business for a minimum of six weeks in summer at the end of either his junior or senior year.

Applicants for admission to the two-year program of the Crummer School must complete all necessary arrangements before the end of the spring term of their junior year.

Applications should be made to the Crummer School through the office of the Registrar of the College. Application forms should be submitted in duplicate at the beginning of the spring term of the junior year. All successful candidates will receive a formal notice of admission. This notice of admission should be filed with the Registrar of the College before the end of the Spring term of the junior year.

ENGINEERING

COLUMBIA UNIVERSITY SCHOOL OF ENGINEERING AND APPLIED SCIENCE

A student wishing to obtain a Bachelor of Science degree in Engineering from the Columbia University School of Engineering and Applied Science in addition to a Bachelor's

degree from Rollins College may enter Rollins and, after following successfully a course of study approved by both schools, may transfer to Columbia at the end of three years. After meeting the graduation requirements he is granted the appropriate degree from each institution.

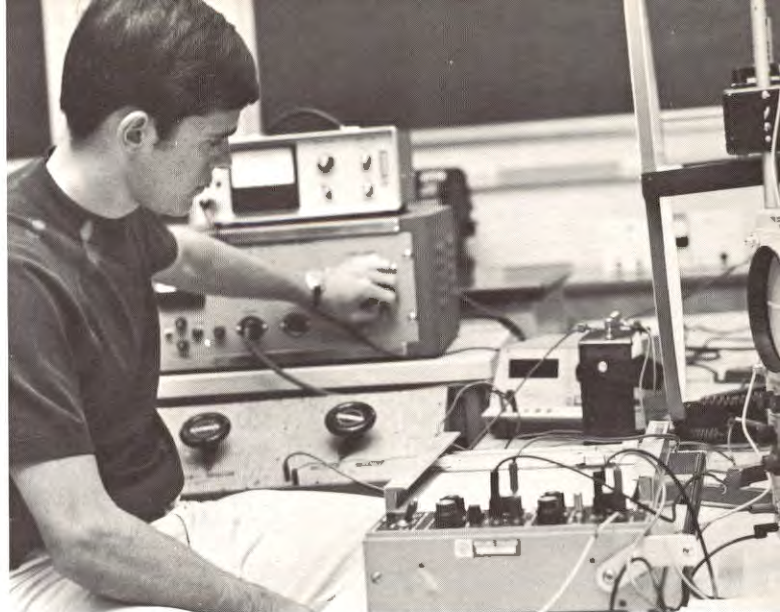
NEW YORK UNIVERSITY

Rollins College has also entered into an agreement with New York University. Under this program a student attends Rollins for three years and New York University for two years. He earns two degrees, a Bachelor's degree from Rollins College and the Bachelor of Engineering from New York University. The program at Rollins includes basic courses in the liberal arts field and concentration in mathematics and physics. At the end of three years the student will have an opportunity to choose among eight branches of engineering.

FORESTRY

DUKE UNIVERSITY SCHOOL OF FORESTRY

Professional and scientific programs of study in forestry for men and women are offered in cooperation with the School of Forestry, Duke University. The student spends three years in residence at Rollins College and an additional five semesters at Duke. Upon satisfactory completion of two semesters at Duke the student will have earned the A.B. degree from Rollins, and upon completing the remainder of the program will be awarded either the M.F. or M.S. degree from Duke, depending upon the nature of the program.

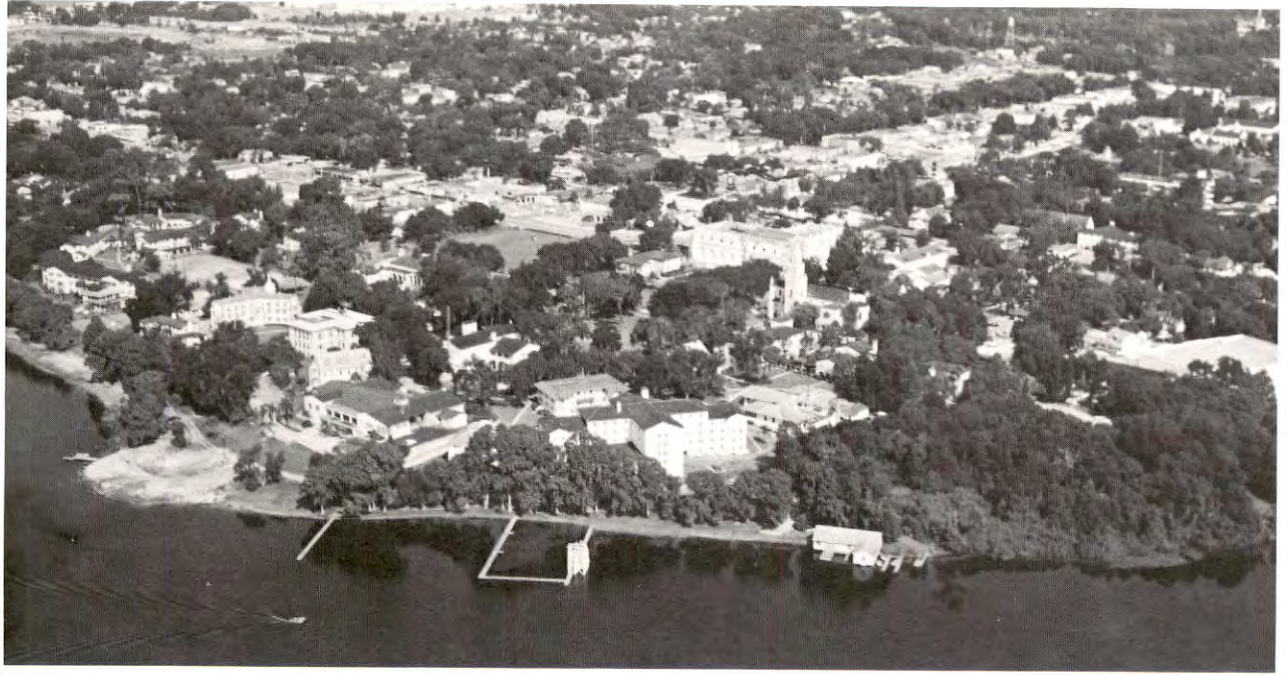


Candidates should indicate to the Admissions Office that they wish to enroll in the Forestry program. At the end of the first term of the third year, Rollins College will recommend qualified students for admission to the Duke School of Forestry. No application need be made to the School of Forestry before that time.

Students with interests in *Forest Resource Administration* are advised to elect a concentration in biology, business management, economics, mathematics, computer science, statistics, or sociology. Individuals planning careers in *Forest Science* should strengthen their backgrounds in biology, chemistry, mathematics, and physics. Typical programs in fields offered at Duke are available upon request from the Dean of the School of Forestry, Duke University, Durham, North Carolina, 27706.

UNIVERSITY OF FLORIDA

A similar program is available for students wishing to complete work at the University of Florida leading to the Bachelor of Science in Forestry. This program assumes two years at Rollins and two years at the University of Florida. No Rollins degree is given.



LAW

Rollins College enjoys a distinguished record in the preparation of students for admission to major law schools. Students planning for the bar are counseled by the Committee on Pre-Law Advisement and Liaison with Law Schools. During the academic year deans and professors from a number of law schools meet with the group. To provide association with practicing lawyers, pre-law students meet informally as The Barristers. Law schools closely related to Rollins are Columbia, Duke, Florida, Florida State, George Washington, Georgetown, Miami, Rutgers, Stetson, Tulane, Vanderbilt, and Western Reserve.

DISTRIBUTION AND MAJOR STUDIES OF PRE-LAW STUDENTS

The American Bar Association prescribes no pre-law course of study, but legal educators agree that students planning to study law should take those courses which best develop ability in (a) comprehension and expression in words; (b) critical understanding of the human institutions and values with which the law deals; (c) creative power in thinking; and (d) habits of thoroughness, intellectual curiosity, and scholarship. Courses well designed for pre-law studies, according to the American Bar Association, have three characteristics: (a) a variety of reading assignments selected from well-written sources; (b) a large amount of well-directed class discus-

sion; (c) ample opportunity for the preparation and criticism of written and oral reports, and (d) independent research projects which provide opportunity for original inquiry, organization of materials, and effective communication.

TULANE UNIVERSITY LAW SCHOOL FELLOWSHIP

Tulane University (New Orleans) makes available to a graduate of Rollins College a regional fellowship of \$500 a year for three years in the College of Law. Recommendations for this award are made by the Committee on Pre-Law Advisement and Liaison with Law Schools.

WESLEY A. STURGES LAW SCHOOL SCHOLARSHIP

The University of Miami (Florida) has made available to a Rollins College graduate a full tuition scholarship at the University of Miami Law School worth \$1400 per academic year. The scholarship will be renewed for the second and third years of law study if the student either maintains an 80 academic average or ranks within the top 15 per cent of his class. Recommendations for this award are made by the Committee on Pre-Law Advisement and Liaison with Law Schools.

MEDICINE AND DENTISTRY

Several medical schools will consider unusually well-qualified and mature students to enter medical school after three years at Rollins provided the basic requirements have been completed. These students can receive the Bachelor's degree from Rollins after successfully complet-

ing the regular first year in medical school. However, the student is strongly advised to complete his full liberal arts college course. This will enable him to obtain a better foundation in his basic subjects and a broader viewpoint both of the profession and of the world in which he will live.

The Council on Dental Education prescribes that the pre-professional requirements be met in an accredited liberal arts college. Rollins is accredited and gives the required courses. However, no exemption is granted for the usual liberal arts requirements.

Although most students who plan to enter medicine or dentistry major in a science, a major in any field is acceptable provided that certain basic science courses are completed.

The minimum in most medical and dental schools is a year of general biology, a year of general physics, two years of chemistry, including inorganic and organic. Many schools now include qualitative and quantitative analysis and enough advanced mathematics to make the physics and chemistry meaningful. The specific requirements for various schools are published each year and are constantly changing. Questions relating to preparation should be discussed with the student's adviser or the chairman of the Committee on Science Postgraduate Programs.

THE MERRILL-PALMER INSTITUTE OF HUMAN DEVELOPMENT AND FAMILY LIFE

The Merrill-Palmer Institute of Human Development and Family Life is the world's most outstanding specialized educational institution dedicated to the study of human development

and family life. The Institute offers a teaching program at the college level, conducts research, and provides community services in this field.

Rollins College is a participant in the Merrill-Palmer Institute Cooperating Colleges Program. Under this program, Rollins selects and recommends the undergraduate student or students it desires to send to Merrill-Palmer and also assumes the responsibility of crediting the student's Merrill-Palmer courses toward his degree. Confirmation of these student appointments is made by the Institute. Senior students or students in the last quarter of their junior year may be assigned to the Institute for a quarter. During this quarter of residence at Merrill-Palmer, students engage in an intensive educational experience involving class work, research projects, and involvement in community agency work in the Detroit metropolitan area.

TEACHER PREPARATION

The curriculum of Rollins College is designed to prepare those students interested in teaching for a career in that profession. Programs leading to Florida certification are available for students desiring to teach at either the elementary or secondary school level.

Students desiring to teach at the elementary school level will major in elementary education.

Students desiring to teach at the secondary school level will major in an academic subject field and will be able to complete professional education requirements, including student teaching, within the undergraduate program of study. The Rollins College Graduate Program in Education is also available for the student who wishes to continue his study in secondary education for a Master of Arts in Teaching or a Master of Education degree.

STUDY ABROAD

Qualified Rollins students may take a year or part thereof *in absentia* at a foreign university. The student may negotiate his admission independently with the foreign university; he may apply for admission to an approved foreign-study program administered by another U. S. college or university; or he may apply for admission to one of the four existing Rollins overseas programs. In the case of a non-English-speaking country, the student is advised that he must have adequate foreign language preparation, which is interpreted as a B average in at least two years' study of that language.

Rollins administers four overseas programs, two in Spanish-speaking countries and two in French-speaking countries. It participates in a fifth program in Switzerland, Germany, or Spain sponsored by the Associated Mid-Florida Colleges.

The Rollins Semester-in-Colombia program is conducted annually January 27 – May 27 at the University of the Andes, Bogotá, Colombia, where the student may earn up to 18 semester hours (automatically convertible into Rollins term credits) in Spanish and all other depart-



ments. The student is absent from the Rollins campus during the last two weeks of the winter term and all of the spring term, but his academic-year's prepaid room, board and tuition fee exempts him from any further costs for the Semester in Colombia. Included in the Colombian program are round-trip air transportation between Miami and Bogotá, four months' room and board in a private home in Bogotá, tuition at the University of the Andes, an extensive orientation program, excursions, social affairs, and the tutorial assistance of a full-time resident director with the group in Bogotá. Descriptive literature and applications are available from the coordinator, Dr. Frank Sedwick, Box 4, Rollins College. Applications close December 15.

Another program administered directly by Rollins is a summer study-tour to Spain, annually June 21 to August 8, in which the student may take up to three courses in Spanish language and literature. Classes are privately taught by an all-Spanish staff in Rollins' own quarters in Madrid. The prerequisite for this study-tour is one year of Spanish and an over-all C average. The fee of \$1,085 includes full room and board in a private home in Madrid, tuition and books, round-trip jet New York-Madrid, and weekly excursions to the main cities and sights of Castile, and a week's tour of Spain. See Dr. Frank Sedwick, as above, for descriptive literature and applications. Applications close May 10, though usually the quota is filled earlier.

Identical to the Spain summer program in dates, fees (and what they include), and prerequisites, is the Rollins summer study-tour to France, held annually in the city of Tours, south of Paris, in affiliation with the Institut de Touraine. The round-trip jet is between New

York and Paris, classes are held at the Institut, and the excursions and week's tour cover as much of France as possible. Applications close May 10 and the person to whom to write for information is Dr. Elinor Miller of the Foreign Language Department.

The student who is meeting his language requirement in French (see Foreign Language Department listings, Placement of Freshmen, and French 201) may enroll for the French 201 section which is taught in Fort-de-France, island of Martinique, annually in the winter term. The \$350 cost includes round-trip jet transportation, room, board, and everything except books. This program is the only one of its kind in the U.S.A. The professor in charge and resident director is Dr. Elinor Miller of the Foreign Language Department, to whom inquiries should be addressed. Deadline for applications is December 1.

In 1962, Rollins and four other colleges of Central Florida formed the Associated Mid-Florida Colleges, one of whose various cooperative academic efforts is a junior-year-abroad in Switzerland (University of Neuchâtel), Germany (University of Freiburg), or Spain (University of Madrid). The \$2,500 fee covers tuition, room and board, round-trip transportation by ship from New York, and American resident directors. The group leaves New York about August 19, attends orientation lectures on ship-board, and receives additional language training in Europe before classes begin at the respective universities. A prerequisite for admission to the program is B average in at least two years' study of the respective foreign language. Applications, which close annually on March 1, and further information are available from Dr. Sedwick, as above.



Admission and Expenses

ADMISSION FROM SECONDARY SCHOOLS

Admission to Rollins is highly selective. To expect favorable consideration, the student should possess a strong school achievement record, as well as strength and maturity of character.

Secondary school seniors who are recommended by their schools are eligible for consideration upon receipt of a formal application with the \$15 application fee, the secondary school record, and the results of the Scholastic Aptitude Test of the College Entrance Examination Board. All applicants for admission are required to take this test during the senior year, preferably in December or January. Registration forms may be obtained by writing to the College Entrance Examination Board, Box 592, Princeton, New Jersey.

In addition, accepted applicants must present the results of the College Board Achievement Tests in English composition, a foreign language (either modern or classical), and one other of the candidate's choice. These achievement tests should be taken in the spring of the senior year.

The candidate for admission to Rollins should present four years of English, three years of mathematics, three years of one foreign language (or two years of each of two foreign languages), two years of laboratory science, and credits completed in social studies. Although consideration will be given to candidates who offer

courses outside these five main areas, Rollins judges the school records of its candidates chiefly by performance in these traditional college preparatory subjects.

Unusually well-qualified applicants who are strongly recommended may be considered for admission prior to secondary school graduation.

Superior students, with the approval of their secondary school, may submit their junior year record, and junior year Scholastic Aptitude Test scores with the request that the Admissions Committee grant an Early Decision based on the assumption that the senior year performance will be similar in quality to that of the first three years of secondary school. Applicants for Early Decision agree not to apply elsewhere unless their application is denied. Early Decision applications must be received before November; candidates will be notified by December 1 of the senior year. A non-refundable reservation fee of \$250 is due and payable upon notification of acceptance.

If the Early Decision candidate is not granted admission, his application will be reconsidered after January 1, when regular applications are reviewed.

Admission to the undergraduate day program is usually limited to students under thirty years of age. However, students over thirty who are pursuing a regular undergraduate or graduate degree on a full time basis may be admitted by the Director of Admissions if they otherwise qualify.

ADMISSION WITH ADVANCED STANDING

Entering freshmen who pass Advanced Place-

ment Examinations given in May by the College Entrance Examination Board will, with the approval of the Academic Standing Committee and the department concerned, be eligible for admission to advanced courses in the department. Students may use these tests to meet, in advance, certain distribution requirements for graduation. Upon recommendation of the department concerned, the tests may be used to reduce the number of credit hours required for the Rollins degree. Information about these tests may be obtained from the College Entrance Examination Board.

ADMISSION FROM OTHER COLLEGES

Rollins accepts students who wish to transfer from other colleges. To receive information regarding the evaluation of transfer credits, a student must first apply for admission and pay the application fee. He must be in good academic standing and eligible to return to the institution from which he proposes transfer.

No transfer credit is given for work completed with a grade of D or for work which is not typically offered in a liberal arts college. No credit will be granted for courses taken by correspondence, and not more than 30 credits will be allowed for extension courses.

AUDITIONS FOR MUSIC MAJORS

To study in certain special programs, applicants are asked to provide additional materials.

Auditions are required from all students who

wish to major in music. If distance prohibits such an audition, a tape recording of the student's work may be sent before March 1 of the senior year.

APPLICATION PROCEDURE

To apply for admission to Rollins College, request an Application for Admission and return this form with the application fee of \$15 which is paid only once and is non-refundable. Two small photographs are also required.

The Application for Admission form includes:

1. The Secondary School Record form which the candidate is asked to hand to the guidance officer of his school for completion. It is requested that the school submit this form directly to the College.

2. Information regarding the College Entrance Examination Board requirements.

3. The Parent Questionnaire, which the candidate is asked to hand to his parent or guardian for completion and mailing to the College.

It is the applicant's responsibility to make certain that the required College Entrance Examination Board tests are taken and results reported to Rollins College.

Applications should be submitted before April 15 or earlier if possible. Applicants will receive notification throughout the winter and spring as their application folders are completed.

Upon notice of acceptance, boarding students pay a reservation fee of \$250 and day students \$100. Since Rollins College adheres to the Candidate's Reply Date as established by the College Entrance Examination Board, the reservation fee must be paid by that date and is

non-refundable. The Candidate's Reply Date for 1971 is May 1. Payment of the reservation fee automatically reserves dormitory space for the accepted boarding candidate.

Accepted applicants are asked to read carefully pages 25 through 27 of this Bulletin, and are required to comply with regulations regarding health, as outlined on pages 49 and 50.

An accepted student who requests that his application be transferred to a later year must be reconsidered by the Admissions Committee. Applicants are urged to inform the College promptly of any change of address, transfer from one school to another, or withdrawal of application.

STUDENT EXPENSES

The cost of educating a student at Rollins College is considerably more than the amount of the tuition charged. The difference is covered by other revenue such as gifts and endowment income.

Fees:

(Fees are subject to change at any time by action of the Board of Trustees.)

Application Processing Fee

(Payable with submission of
Application for Admission) \$ 15

Tuition 2,400

Includes laboratory fees, instruction in music for music majors, limited medical service for minor illnesses.

Board and Room	1,060
Required fees, boarders	140
Required fees, day	115

The above includes the following:

Student Association Fee

Weekly issuance of linen (boarders) — two sheets, one pillow case, three bath towels, and one face cloth.

Medical Reimbursement Insurance (automatic) — hospitalization insurance and major medical insurance.

An application for continuation of this insurance for the summer will be sent to parents on May 15. The application and check should be returned to the Cashier's Office by June 1 or the student will not have coverage for the summer vacation period.

Central Florida Scholarship — Day students whose parents are permanent local residents of this area, and who commute from their father's or mother's home, will receive an *automatic remission* of \$500. This will not require a College Scholarship Service form. This remission is granted to local residents because the community has given fine, enthusiastic support to Rollins College.

SCHEDULE OF PAYMENT OF FEES

Incoming Boarding Students

Payable upon acceptance
(non-refundable after May 1) \$ 250

Returning Boarding Students

Payable April 15 (non-refundable) . . . \$ 250

Incoming Day Students

Payable upon acceptance
(non-refundable after May 1) \$ 100

Returning Day Students

Payable April 15 (non-refundable) . . . \$ 100

All students must forward the April 15 installment promptly to assure the reservation of a place in the College. The reservation fee will be deducted from the balance which is payable in two installments — 60 per cent on or before August 15, and 40 per cent on or before January 15.

Physical Education courses do not have a fee unless the student elects one of the following courses. If so, the fee must be paid at the time of registration:

Bowling, Horseback Riding, Water Skiing.

Payment of all fees must be in accordance with the published requirements. The 60 per cent is payable even though the student may anticipate graduating at the end of the fall term.

All financial obligations must be fulfilled on or before August 15 and January 15 as indicated, and refunds after these dates will be made in accordance with the regulations shown in this section.

Students will not be given credit for work done, will not receive honorable dismissal or obtain a transcript of credit, or be permitted to graduate until all college bills are paid, including past due payments of the National Defense Student Loan Fund, Tuition Plan, Inc., Education Funds Inc., and other secondary debts where these debts are incurred to pay Rollins College fees.

Students will be accepted in the fall for the full school year only.

THE TUITION PLAN, INC. AND EDUCATION FUNDS INC.

We have agreements with The Tuition Plan, Inc., and Education Funds Inc. to finance the fees for one year or for multiple years covering periods up to 72 months. Such contracts may be covered by life insurance. Contracts commence at varying dates. Literature is furnished to the parents by the finance companies each year or you may contact them direct:

The Tuition Plan, Inc.
575 Madison Avenue
New York, N. Y. 10022

Education Funds Inc.
10 Dorrance Street
Providence, R. I. 02901

NO DEFERRED PAYMENT PLAN IS AVAILABLE THROUGH THE COLLEGE.

INSURANCE FOR PERSONAL BELONGINGS

The College does not carry insurance on students' personal belongings and is not responsible for loss or damage from any cause. Students should arrange for adequate coverage on existing policies or make arrangements for insurance locally upon arrival.

The College does not maintain facilities for safekeeping of money or valuables. Banks located a few blocks off campus have such services available.

SPECIAL CHARGE

LATE REGISTRATION. A fee of \$5 is charged for late registration.

REGULATIONS REGARDING REFUND OF FEES

As the College predicates its expenses and bases its budget upon the collection of fees from all accepted students, refunds are made only under the following regulations:

1. A student who is obliged to leave college during the academic year because of serious accident or major medical or surgical illness necessitating two or more weeks hospitalization may be eligible for a refund; such unavoidable departure must be recommended by the College physician. In this particular situation, the College will cancel 75 per cent of any unearned portion of the fees.

2. If any student enrolled at Rollins receives a mandatory call from the Federal Government to enter the military service on an active duty status, the fee for the year will be prorated as of the date the student is required to leave college

to report for duty.

3. If a new student fails to enter college after acceptance has been granted, or if any student who has been in previous attendance fails to return, or if any student leaves the College for any reason other than those stated in No. 1 and No. 2 above, or is suspended or dismissed, no refund will be made.

Failure to pay the stipulated installments promptly upon the dates specified forfeits all previous payments and deposits as well as the right to a place in the College; and the College reserves the right to select another student immediately to fill the vacancy thereby created.

4. A student will be considered in attendance at the College until formal notice of withdrawal has been filed in the Office of Student Affairs by the parent or guardian, or until he has been dismissed for academic or social reasons.



Scholarships Loans Student Aid

SCHOLARSHIPS

Scholarships at Rollins College are awarded competitively to applicants whose academic and activity achievement in school shows promise of outstanding success in college.

To apply for a scholarship the student should file an Application for Admission which includes a section for the scholarship applicant to complete. No scholarship will be awarded before a student is accepted for admission.

Financial need is an important consideration of the Scholarship Committee in making awards. Information on financial need must be submitted by parents or guardians on the *Parents' Confidential Statement* supplied by the College Scholarship Service, Box 176, Princeton, New Jersey. The form can be obtained from secondary school offices. No award will be made until the CSS form has been received.

Scholarships are renewable each year provided the student maintains the necessary academic or achievement record as described in the scholarship categories below. *The Parents' Confidential Statement* must be filed each year.

Any boarding student who receives financial aid and brings a car to the College, can expect a reduction in aid unless an exception is made by the student deans.

ACADEMIC SCHOLARSHIPS — The College annually awards a limited number of academic scholarships to outstanding students with superior academic records and College Board test scores. Varying in amount from \$200 to \$3,600 and available for both boarding and day students, these awards usually include a combination of stipend, work, and loan.

To hold an academic scholarship after the first year the student must maintain a B minus average for the year.

ACHIEVEMENT SCHOLARSHIPS — Rollins College awards a limited number of Achievement Scholarships in athletics each year. To qualify for an Achievement Scholarship, an applicant must have a good academic record and outstanding achievement in athletics. The holder of an Achievement Scholarship agrees to continue his special activity at Rollins and is expected to maintain a C average for the year. Achievement scholarships are renewable each year.

EDUCATIONAL OPPORTUNITY GRANTS

U. S. SCHOLARSHIPS

Grants will range from \$200 to \$1,000 per year, and can be no more than one-half of the total assistance given the student.

These are available to a limited number of undergraduate students with exceptional financial need who require these grants to attend college.

NATIONAL DEFENSE STUDENT LOANS

Rollins College has funds allocated each year by

the Department of Health, Education and Welfare to be used for loans to students. These loans are available on the basis of need. A maximum amount of \$1,000 per year can be granted for an undergraduate and \$2,500 per year for a graduate student. The amount granted will be based upon the need of the student in relationship to the demands for the funds that year.

These loans do not have to be repaid until nine months after leaving a school of higher education, and at that time, three per cent interest commences. The loan must be paid within a ten-year period with a minimum monthly payment of \$15. Those who become full-time teachers in primary, secondary, or higher education schools for five years will receive a forgiveness of fifty percent on this type of loan if they teach five years.

U. S. COLLEGE WORK-STUDY PROGRAM

This program is designed to afford qualified

students receiving financial aid opportunity to earn part of their college expenses by working up to fifteen hours per week on the College campus.

ENDOWED SCHOLARSHIPS

The Committee on Scholarships is able to award scholarships through the generosity of past donors. All scholarships are awarded on the basis of the above procedure and are made possible in part by the following endowments:

Alfond Scholarship – Income from this fund is available for a scholarship for worthy athletes.

Carolyn Hulbert Bassett Scholarship Fund – Income from this fund is available for scholarship aid to needy students. The scholarship was established through the generosity of the late Carolyn Hulbert Bassett.

Rex Beach-Rollins College Student Aid Fund – This fund for scholarships was created by the estate of Rex Beach.

Anna G. Burt Scholarship – This scholarship is available to female residents of Florida and amounts to approximately \$400 annually.

Gertrude Cole Memorial Fund – The fund is available for graduate scholarships and/or fellowships for students who are British citizens, who were born in, and at the time of application are residents of, England, Wales, Scotland, or Northern Ireland. Applicants should be teachers, or planning to be teachers, in Great Britain. This is to cover their expenses while at Rollins. The College is co-operating with the English Speaking Union in selecting students.

J. Roy and Mabel R. Dickie Scholarship Fund – The estate of J. Roy Dickie granted Rollins



College funds, the income from which is used for scholarships for worthy, needy students.

Jessie Ball duPont Scholarship Fund – The fund for this scholarship was created by donations of Mrs. Alfred I. duPont.

Eckerd Drugs of Florida Scholarship – Funds granted by this organization create an income for needy, worthy students who require aid to secure an education.

Mrs. Davis E. Fishback, Sr.-Mrs. John T. Galey Scholarship Fund – The income from this fund is to be awarded to an outstanding and needy student in fine arts. This scholarship was established in 1958.

Charlotte Gero Scholarship – The sum of \$1,000 per year is awarded to a worthy, talented student of music. This scholarship was established in 1967.

Hamilton Holt Scholarships – To be awarded to outstanding students. Amounts: Up to \$1,000 annually. These scholarships have been established by donations in honor of Hamilton Holt, former president of Rollins College.

Arthur Knowles Hutchins Scholarship Fund – The recipients of this fund, established by James O. Hardee in 1957, are selected from among scholarship students who are majoring in music.

Blanche Mallert Scholarship Fund – The income from this fund is to be awarded as a scholarship to a woman student who is studying business and economics. This scholarship was established in 1956 by Mrs. Blanche W. Mallett.

Edward S. Meyer Scholarship – This scholarship is available for an outstanding student, preferably one majoring in modern languages. The scholarship was established in 1941 through the generosity of the late Professor Edward Stockton Meyer.



Henry Buckingham Mowbray Scholarship Fund – The income from this fund is to be used to aid needy students. The fund, established in 1960, was the bequest of Henry B. Mowbray, an early graduate of Rollins College.

Charles A. and Jessie W. Noone Scholarship Fund – This fund was created in 1961 by a bequest of the late Charles Ashton Noone, Rollins alumnus. The income of approximately \$1,000 a year is available for a period not to exceed four years for any one person.

Caroline G. Plant Scholarship Fund – To be awarded to outstanding students in the form of either scholarships or loans. Amount: \$1,150 annually. This fund was established in 1949 through the generosity of the late Caroline G. Plant.

Rose Skillman Scholarship Fund – This fund



was established to aid worthy, needy students.

Alice H. Southworth Fund — The income from this fund is to be awarded to worthy students. This scholarship was established in 1957.

Elizabeth Strubing Scholarship — Granted to an outstanding applicant, this scholarship may be renewed for the four undergraduate years provided the student continues to meet the standards required. Students receiving this scholarship for four years will be presented a certificate upon graduation designating them as Elizabeth Strubing Scholars. Annual stipend is approximately \$2,000.

Myra Gray Williams Scholarship — Awarded to a native and resident of Florida, this scholarship is available to freshmen and is renewable for four years. The amount available is \$400 annually.

Winter Park Federal Savings and Loan Association Trust Fund for Scholarships in the Roy E. Crummer School of Finance and Business Administration — These are endowed scholarships with an annual award of approximately \$1,000 which will increase to \$1,500 in a few years.

OTHER SPECIAL SCHOLARSHIPS

The Edwin B. Garrigues Foundation Scholarship — Funds have been made available by the Garrigues Foundation for scholarship awards to students majoring in the study and practice of applied music. Awards may be made annually to qualified students.

Stella and Charles Guttman Foundation Scholarships — Preference shall be given to students of recognized ability who have completed two academic years of college and who are contemplating graduate or professional study on completion of their baccalaureate or college course. The awards may be renewed for a second year.

Ward-Hart-Hurrey Honor Scholarship Endowment for Latin Americans — A scholarship is offered annually to one or two students from Latin America for one year of study. This scholarship is renewable and covers full cost of expenses for one year of residence on campus. The scholarship is derived from the Ward-Hart-Hurrey Endowment Fund.

National Merit Scholarships — Three scholarships are awarded each year to National Merit

Scholarship winners. Awards ranging from \$250 to \$1,500 are granted on the basis of need as determined by the College Scholarship Service. For more information write the National Merit Scholarship Corporation, 990 Grove Street, Evanston, Illinois, 60201, or the Director of Financial Aid at Rollins.

The Presser Music Scholarship – Funds have been made available by the Presser Foundation for scholarship awards to outstanding students who are majoring in music. These are primarily for students preparing to become music teachers.

Rotary Clubs Scholarship – Local Florida Rotary Clubs and Florida International Students, Inc., have cooperated with Rollins College to award full scholarships to foreign students on a matching basis. The students are chosen by Rotary International and must be academically qualified.

The Hattie M. Strong Foundation Scholarship – This scholarship has been provided annually by Mr. and Mrs. L. Corrin Strong and is being continued by Mrs. Strong through the Foundation. This provides a scholarship of \$800 for two Rollins students to study each summer in Oslo, Norway, and is part of an exchange program of St. Olaf College in Northfield, Minnesota, and the University of Oslo.

GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

The Committee on External Scholarships has as its responsibility the promotion of graduate

study for Rollins graduates. Many scholarships and fellowships for graduate study are available. The Committee brings these opportunities to the attention of all students in their junior year. Currently over half of the men and about a fourth of the women of the senior class continue to graduate study.

LOAN FUNDS

In addition to scholarships, benefactors have been very kind in establishing loan funds in order that the Scholarship Committee may extend their financial aid to more worthy students. These loans are used to enlarge scholarship awards to an individual, and are granted through the Scholarship Committee. Freshman applicants for this type of aid should apply to the Director of Admissions in the same manner as in the case of scholarships:

Della Clifford McManus Coachman Loan Fund
Franklin A. Cobb Memorial Loan Fund
Luis de Florez Student Loan Fund
Fox Scholarship Loan Fund
Elbert H. Gary Student Loan Fund
Thomas G. Lee Memorial Fund
Fred A. and Alice Mundis Scholarship Fund
P. Phillips Loan Fund
Hattie M. Strong Foundation Scholarship Fund
Strong Hall Loan Fund
George Hammond Sullivan Loan Fund
Milton J. Warner Student Aid Fund.



THE
CHARLES A. DUBOIS
HEALTH CENTER
ROLLINS COLLEGE

Activities and Services

STUDENT HEALTH SERVICE

Rollins College Health Service consists of two college physicians, a psychiatric consultant, and two registered nurses. A nurse is in regular attendance five days each week between 7:30 a.m. and 7:00 p.m. Each morning one of the college physicians sees students at the Charles A. DuBois Health Center for examination and treatment. Minor illnesses and accidents are treated in the Health Center, but students requiring bed care are referred by the college physician to the Winter Park Memorial Hospital. The Winter Park Memorial Hospital offers medical and surgical facilities for in-patients as well as an emergency service for serious illnesses and accident cases. Any student requiring care when the DuBois Health Center is not open can report to the emergency room, Winter Park Memorial Hospital, or be transported by Winter Park Memorial Hospital ambulance in case of an accident or appropriate illness, for immediate treatment by the emergency room physician on duty. Any student so treated in the emergency room and admitted to the hospital continues under the care of the Director of the Rollins College Health Service. When a student is seen in the emergency room the Dean of Student Affairs or his representative should be notified at once.

The physician and nurse in attendance at the DuBois Health Center may be consulted without charge. The health insurance plan described below covers partial costs arising from hospitali-

zation as a result of illness or accident.

The College provides health insurance known as Students' Medical Reimbursement Insurance. This coverage provides for reimbursement, within specified limits, for surgery, medical, and hospital expenses due to illness and accident.

The basic plan provides for medical expense reimbursement for illness or accident only if there is hospital confinement or surgery, except that there is provided a blanket coverage of \$50 for accidents which do not require hospital confinement. Surgical benefits are provided under a schedule having a maximum of \$300, either in or out of hospital. The maximum total benefit payable under the basic plan, including surgical benefits, is \$500.

In addition to the basic plan, there is provided Major Medical Insurance with a maximum benefit of \$5,000 per illness or accident. This is subject to a deductible of \$500 with 80 per cent reimbursement of eligible expenses. Expenses resulting from accidents due to participation in intercollegiate athletics are not covered under the Students' Medical Reimbursement Insurance but are covered under special insurance policies provided by the College.

Descriptive brochures outlining the benefits, limitations, and exclusions of health and accident insurance are available at the DuBois Health Center. The insurance coverage is in effect 24 hours a day both on and off campus throughout the academic year and includes college-year vacation periods as well as a reasonable time at the beginning and end of the college year for travel to and from the College. It is the practice to offer coverage for the summer months for a nominal premium, payable before the close of the spring term.

All students are automatically covered in this medical reimbursement plan. The premium is included in the general fee.

Certain health regulations must be met by all entering students, including transfer students. A medical examination blank provided by the Student Health Service must be completed by the applicant and his family or school physician and filed with the Admissions Office as soon as possible after acceptance. As part of this health report, certification of immunization against tetanus and poliomyelitis, vaccination against smallpox, and evidence of a recent chest X-ray are required. Students who have failed to file this health report must have the necessary physical examination and immunizations completed on arrival at Rollins before they are permitted to register. Such individuals are charged accordingly for the medical examination, immunizations, and tests.

A student unable to participate in the required physical education program must furnish a letter from his personal physician stating the reasons. Any recommendation not to engage in the physical education program must be confirmed by a member of the Health Service staff.

If any medical information, including reports of nervous or mental diseases, is withheld from the student's Health Certificate, this omission would be cause for dismissal from the College. Anyone requiring further medical treatment, including injections for asthma, etc., must also furnish a statement from his physician.

All communications from parents and guardians concerning the health of students should be addressed to the Director, Rollins College Health Service. Any student who becomes ill when

absent from the College must notify the Office of Student Affairs immediately. A signed statement from his physician must be sent to the Director of the Student Health Service.

If the parents or guardian cannot be reached, the College reserves the right to make decisions concerning operations or other matters of health.

Students who are required to leave the College for one or more days to recuperate for medical reasons shall have a written recommendation from the Health Service. Any student who withdraws under the above circumstances or who is required to return home for a period longer than one week will be readmitted to the College through readmission procedures which require evidence that the condition which necessitated the withdrawal no longer exists.

COUNSELING AND TESTING SERVICES

A student may consult his academic adviser, the student deans, or the deans of the Chapel for guidance in specific areas of concern. If he wishes confidential help with problems of a personal, interpersonal, vocational, or educational nature, he may prefer, or others may suggest, that he arrange an appointment with the Counseling Psychologist or the Consulting Psychiatrist in the DuBois Health Center.

The College Testing Center, directed by the Counseling Psychologist, administers group tests at intervals during the student's undergraduate years. Appropriate information from the results are made available to the student and his advisers as needed, so that he may arrive at more meaningful decisions about his educational and



vocational goals. Other testing may be arranged on an individual basis as indicated.

DEVELOPMENTAL READING PROGRAM

The College maintains a reading laboratory and conducts a developmental reading program. The program is designed to help students develop reading skills necessary for college work. The program emphasizes optimum skill for all students and is not primarily a remedial program. Work taken at the laboratory is voluntary and on an individual basis. The laboratory is equipped with devices and materials for use in improving comprehension, speed, vocabulary, and the skills necessary in the various content fields in the College program.

LEARNING LABORATORY

The Learning Laboratory has a console and booths with listening devices, tape recorders,

and electronic facilities for both individual practice and group learning. Systematic use of the laboratory is a required part of first- and second-year language courses in French, German, Russian and Spanish. The laboratory is used also by students in speech courses and, for study or note-taking purposes, is available to the college at large for practicing readings, lectures, dramatic performances, or studying musical selections. The laboratory is open days and evenings throughout the school year.

RELIGIOUS ACTIVITIES

Services of worship are held in The Knowles Memorial Chapel on Sunday mornings and on special days and seasons of the Christian year. Vesper services are held twice a week, on Tuesday and Thursday evenings. In the services students participate in the conduct of worship, either as readers, as ushers, as members of the Rollins Chapel Choir, or as speakers at the vesper services. Organ vespers are usually held on Wednesdays during the winter season. The Chapel Service Program is supervised by the Chapel Staff and the Community Service Committee.

The over-all religious program on the campus is directed by the Dean of the Chapel, Assistant Dean of the Chapel, and the Chapel Staff. This staff is composed of the chairmen of the student committees, thirteen elected students, and two members of the faculty. The Dean of the Chapel is available for guidance of and conferences with students on religious problems.

All students are urged to join in the services of the churches in Winter Park and Orlando.

ATHLETIC ACTIVITIES

Because of the mild climate of Florida, Rollins is able to maintain out-of-door athletic activities throughout the year. Time is made available for recreation or supervised instruction in physical activities in order to enable students to participate in the sports in which they are particularly interested.

Rollins competes in the following intercollegiate sports: baseball, basketball, crew, golf, soccer, and tennis. A full schedule of intramural sports is conducted under expert direction. These include intramural competition for men in badminton, basketball, bowling, flag football, golf, paddleball, sailing, soccer, softball, swimming, table tennis, tennis, track, and volleyball. These activities are carried on in addition to the regular classes scheduled in physical education.

Rollins is a member of the National Collegiate Athletic Association.

ACTIVITIES FOR WOMEN

The Rollins College intramural program affords an opportunity for all students to participate voluntarily in competitive sports of their choosing. Teams representing sororities and independents compete. Trophies are awarded to the winning team in each sport. The O'Brien Trophy is awarded to the group receiving the greatest number of points during the college year. Sports include archery, basketball, bowling, golf, softball, swimming, table tennis, tennis, and volleyball.

An intercollegiate tennis and golf varsity program is available for the highly skilled student.

MUSIC ACTIVITIES

THE THIRTY-SIXTH ANNUAL BACH FESTIVAL OF WINTER PARK. The Bach Festival of Winter Park, consisting of a series of programs by the Bach Choir of one hundred voices assisted by renowned soloists, orchestra, and organ, is held in early March in the Knowles Memorial Chapel. The chorus, under the direction of Dr. Ward Woodbury, includes selected singers from Central Florida communities, and qualified Rollins students.

ROLLINS CONCERT SERIES. Programs throughout the year feature internationally known soloists and chamber groups along with recitals by artist faculty members of the College and the Rollins Chamber Orchestra – a fully professional group of thirty-two players from the Florida Symphony Orchestra.

ORGAN VESPER RECITALS. During the winter term organ programs are presented on the three-manual Aeolian-Skinner organ in the Knowles Memorial Chapel.

ROLLINS CHAPEL CHOIR. The Chapel Choir participates throughout the academic year in the Sunday Morning Service held in the Knowles Memorial Chapel, singing masterpieces of choral literature of all periods from medieval to contemporary. Membership in the Chapel Choir is open to all qualified students after an audition with Dr. Woodbury.

ROLLINS CHORALE. This organization sings a wide variety of secular music and is open by audition to all students of the College.

ROLLINS SINGERS. This group of 12 vocalists specially selected from the ranks of the Rollins Chorale performs music of an entertaining nature and represents the College on campus, in the community, and as a touring group.

FLORIDA YOUTH SYMPHONY. Sponsored jointly by Rollins College and the Florida Symphony Society, this organization is open to qualified students of the College.

BAROQUE ENSEMBLE. The Baroque Ensemble is composed of outstanding string players from the student body and performs appropriate music for this medium.

WIND ENSEMBLE. This organization affords opportunity for wind instrument players to pursue their musical training in the finest literature in this field.

THE ROLLINS MUSIC GUILD. The Music Guild is composed of students who are interested in promoting the musical welfare of the College. It holds regular meetings and is active on campus in the sponsoring of recitals, lectures, and other activities of musical worth.

PI KAPPA LAMBDA. The Xi Chapter of Pi Kappa Lambda, a national honorary music society, was installed at Rollins in 1935. Its prime object is the encouragement of eminent achievement in performance and original composition. Qualified juniors and seniors are eligible for membership.

THE COLLEGIUM MUSICUM presents frequent programs illustrating musical styles in the



context of their historical significance. Faculty, students, and guests perform and lecture. Student recitals are also presented throughout the year.

RADIO ACTIVITIES

Rollins' own 330-watt FM-Radio station WPRK operates on a frequency of 91.5 megacycles and covers a wide area surrounding Winter Park and Orlando. Housed in modern studios in the Mills Memorial Library, the station was made possible through an anonymous donor. Basic equipment includes two spacious studios, each with its own control rooms, RCA control boards, Fairchild transcription tables, four Magnecord tape recorders, an Ampex 350 tape recorder, and a variety of microphones.

WPRK is a member of the National Association of Educational Broadcasters, through which it participates in a program exchange with 80 educational stations.

Students in speech and drama classes gain practical experience in announcing for radio under the supervision of WPRK staff members. Rollins students have also been part- and full-time announcers on the four Orlando radio stations.

STUDENT PUBLICATIONS

Rollins College is noted for its encouragement of creative writing, and the student interest is demonstrated by the number and quality of its undergraduate publications. The following publications are included in the Rollins Publications Union:

THE TOMOKAN, financed by the Student Association and issued annually, gives a pictorial résumé of the activities, organizations, and events of interest to the students and faculty of Rollins.

THE SANDSPUR, a weekly student newspaper, furnishes campus and local news, and keeps Rollins students well posted through its editorial, social, and news columns.

THE ROLLINS STUDENT CENTER

The Rollins Student Center was founded in 1960 to serve as the center of extracurricular student life. Through sponsorship of an increasingly broad program of cocurricular education, recreation, and entertainment, the organization binds students, faculty, staff, and alumni — all of whom enjoy full rights and privileges as members of the Center — in a common effort to “establish a cultural pattern which will distinguish Rollins students.”

Over 100 students learn leadership and various administrative skills through active service on such Center committees as:

Educational Entertainment, which stirs awareness and interest in crucial matters of the day through nationally known speakers, debates, and forums.

Films, which hosts a full schedule of recent, award-winning American and foreign films.

Fine Arts, which provides the best in art exhibits, folk sings, poetry readings, and celebrity performances.

Host and Hostess, which arranges opportunities for students to chat with visiting dignitaries and which also sponsors eight informal dances.

Rally, a combination of cheerleaders and sports enthusiasts which arouses support for Rollins athletic teams.

Social Entertainment, famous for its major pop concerts and Christmas semi-formal.

Special Projects, which combines international dinners with a wide variety of extracurricular miscellany.

The Board of Directors, the policy-making group of six students and five faculty which is headed by the President of the Rollins Center, each year welcomes new programs and new members in a continual endeavor to fulfill its ambitious purpose.

SOCIETIES AND ORGANIZATIONS

Student interests are enhanced and promoted by a variety of organizations:

THE WOMEN'S ATHLETIC ASSOCIATION is composed of all the women students at Rollins. They automatically become members of this organization whose purpose is to promote and foster the highest spirit of sportsmanship and cooperation. The Women's Intramural Board is the governing body of this organization.

CAMPUS GUIDES is a service organization of selected freshmen who serve the College as

official guides for campus visitors to Rollins College, including prospective students and their parents.

GREEK LETTER ORGANIZATIONS. The Interfraternity Council is composed of chapters of the following men's national fraternities:

Kappa Alpha Order
Phi Delta Theta
Sigma Nu
Sigma Phi Epsilon
Tau Kappa Epsilon

and the following local fraternities:

The Guild
Lambda Fraternity
X Club

The Panhellenic Council is composed of chapters of the following women's national fraternities:

Alpha Phi
Chi Omega
Gamma Phi Beta
Kappa Alpha Theta
Kappa Kappa Gamma
Phi Mu
Pi Beta Phi

Hazing and the practice of discrimination on the basis of race, color, creed, national origin, or religion in membership determination is prohibited in the Greek Letter organizations.

The Independent Men and the Association of Unaffiliated Women are organizations that are composed of students who are not members of fraternities. They enjoy the same privileges as

the fraternities, compete with them in intramural activities, and participate in the student government.

THE ROLLINS KEY SOCIETY is an honorary society founded in 1927 for the purpose of fostering interests in all campus and scholastic activities, and promoting the welfare of Rollins College. Membership is open to juniors and seniors who have maintained the equivalent of an A minus (11.00) over-all average for no less than six consecutive terms, including at least one in the junior year.

THE ORDER OF THE LIBRA, an honorary society for junior and senior women, was organized in 1935 for the purpose of recognizing balanced living and broad interest, and for encouraging further development in high scholarship, extracurricular activities, generous citizenship, and integrity of character.

OMICRON DELTA KAPPA, a national honorary service fraternity, was installed at Rollins in 1931. Membership is conferred on junior and senior men who have distinguished themselves in scholarship, athletics, student government, social and religious affairs, publication work, and the arts.

O.O.O.O. is a men's honorary organization, the purpose of which is to create, preserve, and foster the traditions and ideals of Rollins; to promote respect for the customs of the College; and to develop a spirit of leadership and co-operation in the student body.

PHI SOCIETY is a first-year honorary scholarship society encouraged by Phi Beta Kappa and having chapters at several colleges. The academic

requirement is an over-all average of B plus (10.0) or better (preferably 10.20), for the freshman year and in the upper 10 per cent of the class.

PI GAMMA MU, National Social Science Honor Society, through the Florida Delta Chapter installed at Rollins in 1932, confers membership on juniors and seniors distinguished in the social sciences and having a minimum of thirty term hours in the four core subjects of history, political science, sociology (including anthropology), and economics (including geography), with no academic failure in any of the above and with an average grade therein of not less than B.

THE "R" CLUB is composed of letter-men who have been awarded their "R" in a varsity sport. The purpose of the club is to promote sportsmanship, co-operation, and interest in athletics. Membership is by invitation only.

WOMEN'S "R" CLUB affords recognition to those who have excelled in the Intramural Sports Program. Membership in this club is awarded on the basis of good sportsmanship and athletic ability. The Women's "R" Club is the governing body of the Women's Intramural Board.

THE ROLLINS PLAYERS, under the direction of the Theatre Arts Department, presents a series of plays during the year in both the Annie Russell and the Fred Stone Theatres. This organization is composed of students who have done outstanding work in dramatics. A point system for work accomplished in acting and stagecraft has been established as a basis for

membership. Tryouts for all plays produced by The Rollins Players are open to all Rollins students, with preference given to theatre arts majors.

THE ROLLINS SCIENTIFIC SOCIETY, organized in 1942, has as its purpose the bringing together of students interested in discussing and hearing about advancements within all fields of science. Membership in the society is open to sophomores, juniors, and seniors who have had one year of a science. Membership is based on a paper submitted to the Society by the applicant.

THE SIGMA XI CLUB of Rollins College was organized by members of Sigma Xi in the science division and in the Central Florida community, and was granted a charter by the National Society of the Sigma Xi in January, 1953. Its purpose is to encourage investigation in science, pure and applied. It makes grants available to students working on senior projects in science, and recognizes an outstanding junior and senior science major each year with the Sigma Xi Award.

DELTA SIGMA RHO-TAU KAPPA ALPHA is the national forensic honor society. The society is organized and operated exclusively for educational purposes: to promote interest in, and award recognition for, excellence in forensics and original speaking; and to foster respect for, and appreciation of, freedom of speech as a vital element of democracy. To qualify for membership a student must be in the top 35 per cent of his class, participate in debate and forensic events during two academic years, and be a

member of the Speakers Bureau.

THE FLORIDA STUDENT EDUCATION ASSOCIATION (Hamilton Holt Chapter) is the local organization of the state and national education associations. It encourages interest in the profession of teaching, and promotes selective recruitment of young men and women for the career of teaching. It gives practical experience for working in a democratic way on the problems of the profession and of the community.

KAPPA DELTA PI, an honor society in education, installed the Lambda Kappa Chapter at Rollins College in 1967. It invites to membership both qualified undergraduate and graduate men and women who exhibit scholarship and potential to become teachers and other school personnel of high quality.

THETA ALPHA PHI is a national honorary dramatic fraternity; Florida Gamma Chapter was installed at Rollins in 1938. Juniors and seniors who have done superior work as actors and technical workers are eligible for membership.

ZETA ALPHA EPSILON is an honorary scientific fraternity, the purpose of which is to give recognition to outstanding students, and to promote a broadened interest in science.

Musical Organizations are listed under Music Activities.

ALUMNI ACTIVITIES

Founded in 1898, the Rollins College Alumni

Association today includes almost 10,000 graduates and former students. Students who spend one academic year or more at Rollins are automatically eligible for membership.

The Director of Alumni Affairs, Walter M. Hundley, supervises and coordinates alumni activity from his campus office at Alumni House and serves as a liaison between the Alumni and the College administration.

Alumni Clubs exist in Central Florida, Brevard County, and Jacksonville, Miami, Palm Beach, and Tampa, Florida; in Southern California; Atlanta, Georgia; Chicago, Illinois; New York; Ohio; Pittsburgh, Pennsylvania; and Washington, D.C.

COMMUNITY ACTIVITIES

PUBLIC SERVICE

In order to carry out the aims of Rollins College to render service to the communities and to the state, as well as to its undergraduate body, public lectures and addresses are offered by many of the members of the Rollins faculty. The topics they cover have a wide range, and include international relations, political theory, readings in English literature, scientific subjects, and music. This service receives the full cooperation of the public schools and social agencies.

PLACEMENT SERVICE

As part of the Office of Student Affairs, Rollins College maintains a Placement Service which is a member of the Southern College Placement

Association and College Placement Council. The function of the Service is to help graduates of the College find opportunities in business, industry, government, education, and non-profit organizations. It has available career information, lists current employment opportunities, and arranges for campus interviews with employer representatives visiting the campus.

The Service also acts as a clearing house for part-time work on and off campus and for summer work for regularly enrolled undergraduate students.

MILITARY ACTIVITIES

The 479th Military Intelligence Detachment (Strategic)

Lt. Col. Norton O. Braxton, *Commanding Officer*

Through an affiliation agreement concluded with the Assistant Chief of Staff, Intelligence, Department of the Army, in 1949, the 479th Military Intelligence Detachment was activated at Rollins College in 1950. As an early-ready unit in the Active Reserve of the United States Army, it has a Table of Organization of three officers and four enlisted men. It serves both as a collecting and training unit for the office of the Assistant Chief of Staff, Intelligence. In filling vacancies in the unit, preference is given to those members of the Rollins College faculty and student body who are qualified and approved by the Assistant Chief of Staff, Intelligence. Under present regulations, students who have had extended active duty for six months or more are eligible for consideration.

SPEAKERS BUREAU

The purpose of the Rollins Speakers Bureau is to provide a student organization through which undergraduates who have ability and interest in public speaking may gain further effectiveness and experience. The Speakers Bureau affords its members this opportunity to improve all aspects of their speaking skill by means of two major programs:

1. Speeches, debates, and discussions for the campus and public groups throughout Central Florida;
2. A season of intercollegiate debating, participation in the model United Nations and in conferences on international problems.

A brochure is published by the Bureau explaining the availability of its services. This publication is widely circulated in Central Florida.

FOUNDERS WEEK

During the week of Washington's Birthday, Rollins College celebrates its founding in 1885 with appropriate ceremonies including a convocation. The annual meeting of the Board of Trustees is scheduled at this time.

THE MCCOLLOUGH LECTURES

Through the generosity of Mr. and Mrs. Charles B. McCollough, an endowment has been started for the purpose of bringing lecturers to the campus. After an informal beginning in 1969-70, the series, to be known officially as The McCollough Lectures of Rollins College, is presently in process of organization.

LATIN AMERICAN PROGRAM

The Latin American Program is one of the oldest in the United States. Foundations for it were laid in the middle 1890's, when Cuban students whose education was being seriously impaired by the struggle for independence in that island came to Rollins.

During the administration of President George Morgan Ward, 1896-1902, students came to Rollins from various parts of the Hispanic-American world. In the next decade under the administration of President William Fremont Blackman, the Latin American Program was considerably broadened. In the long administration of President Hamilton Holt, 1925-1949, courses relating to Spain, Portugal, and Latin America were introduced. Lecturers of national and world distinction came frequently to the campus.

In 1942, the Latin American Program was formally organized by Professor A. J. Hanna in association with Professor Angela P. Campbell of the Spanish Department. Under her guidance headquarters were established at Casa Iberia, a Spanish-type building which she developed into a living museum of Spanish art.

During World War II, the United States government extended financial aid to the Rollins program as part of the national effort toward Western Hemisphere solidarity. Two endowments were established during this period, one for the administration of the Casa Iberia, Inter-American Center, and one for a history professorship.

Since the beginning of the Hugh F. McKean administration in 1951, two other endowments have been established – namely, the Bowers

Fund for the purchase of books, and a Latin American Scholarship Fund, which is for the purpose of aiding students from Latin American countries to come to Rollins.

The Latin American Studies major was established in 1957 in the Government and History Department which included a variety of interdisciplinary courses. Beginning in the fall of 1970, a separate program of Latin American Studies has been established. The program will be interdisciplinary and coordinated with courses offered by the Spanish, economics, history and public affairs, behavioral science, English, and other departments.

Other aspects of Rollins Latin American Program are frequent forums at which outstanding speakers discuss contemporary problems, the Cafezinho Book Reviews on Saturday mornings during the winter term, and annual opportunities for field studies.

THE CENTER FOR PRACTICAL POLITICS

The Center for Practical Politics was established in 1957 under grants from the Maurice and Laura Falk Foundation. The purpose of the Center is to encourage participation in political activity through political parties as a condition of responsible citizenship. The program is carried out through the Rollins College Young Democratic and Republican Clubs which have offices in the Center; through an advisory committee representing both political parties; through classroom seminars and internships at local, state, national, and international levels; through personal projects and research tasks; and through an advanced study group.



Curriculum

THE HOUR-GLASS CURRICULUM

The faculty of Rollins College adopted a new curriculum and academic calendar effective September, 1966. This curriculum, called the "Hour-Glass Curriculum," is based upon a liberal arts educational pattern from the freshman year to graduation, and is designed to assure broadly educated graduates, well-prepared in a field of concentration. Certain revisions outlined below are effective in the fall term 1970.

The new curriculum takes into account the preparation of entering students and builds upon their educational background in a systematic way by providing Foundation Courses to integrate the knowledge students have acquired. It introduces them to some of the best minds of the College in all fields, and sustains and develops further the inquisitiveness and motivation of each freshman. It provides a better basis upon which each freshman may select his major field of interest through early introduction to most major disciplines and to many of our senior and superior teachers. Beginning in 1970, the curriculum provides the opportunity in most cases to take an introductory course in the major field or an elective course.

The middle years (sophomore-junior) provide each student the opportunity to concentrate in a particular discipline, to take courses in related and other fields, and to engage in directed study.

The senior year builds further upon the Foundation Courses and the middle years of study by integrating knowledge through a Senior Interdisciplinary Course.

Additional independent study, a senior departmental course, and, in some fields, a senior comprehensive examination are vital parts of the final year.

The College, through this new curriculum, is assuming a dual obligation – to prepare students for graduate schools and appropriate jobs, and to educate them more broadly as human beings. Inherent in the curricular plan is the philosophy that each student should move from a passive absorption of knowledge to self-motivated learning, and that each student must gain a perspective which can relate his own special field to much wider areas of human knowledge. For this reason, final responsibility for each student's academic program rests with the student.

THE ACADEMIC CALENDAR

The academic calendar consists of a 14-week fall term, a 5-week winter term, and a 14-week spring term. The winter term has been adopted to place emphasis on directed study for freshmen, sophomores, and juniors and independent study for seniors and well-qualified juniors.

The fall and spring terms are devoted to regular classroom instruction in all subject matter areas offered by the College. Freshman Foundation Courses and the Senior Interdisciplinary Course will be offered only during the fall and spring terms.

MAJORS

Rollins College offers the Bachelor of Arts and the Honors Bachelor of Arts degrees in the

undergraduate college in the following major fields:

Art
Behavioral Science
 (Anthropology,
 Psychology,
 Sociology)
Biology
Chemistry
Economics
Elementary Education
English
Environmental Studies
Expressive Arts
 (Art, Music,
 Theatre Arts)
Foreign Language
 French
 German
 Spanish
History and
 Public Affairs
 (History, Political
 Science)
Latin American
 Studies
Mathematics
Music
Philosophy
Philosophy and
 Religion
Physics
Pre-Engineering*
Pre-Forestry*
Pre-Medicine
Theatre Arts

* 3-2 Program (see page 31)

COMBINED MAJOR

A combined major in two departments may be earned if approved by a student's adviser, the departments concerned, and the Dean of the College. Such majors must have coherence and depth, and be deemed better to meet the needs of the individual student than the normal majors offered.

Combined majors require the completion of 8 of the courses required in the regular major of each department concerned, and will reduce proportionately the number of courses in other areas.

When one of the majors is music, four years of applied music and four years of ensemble participation will be required.

REQUIREMENTS FOR GRADUATION

To be eligible for the Bachelor of Arts degree, the following general requirements are stipulated:

1. **RESIDENCE REQUIREMENTS.** The entire senior year (i.e., the last 9 courses, including independent study, leading to the Bachelor's degree) must be taken at Rollins College. For special requirements in cooperative programs with other colleges or universities, see page 31.

2. **GRADE REQUIREMENT.** The student must have a minimum academic average of 6.00 (C) for all courses taken at Rollins. For an explanation of grades and scholastic require-

ments, see pages 64-65.

3. CREDIT REQUIREMENT. Total courses: completion of 36 courses of academic work and 4 terms of physical education. The following specific requirements must be observed:

a. Satisfactory completion of a 200-level foreign language.

b. Satisfactory accomplishment in English Composition.

c. Six terms of Foundation Courses (two each in the Humanities, Social Sciences, and Science and Mathematics) in the fall and spring terms and directed studies or equivalent in two different fields during the winter term.

Requirements (a), (b), and (c) must be completed by the end of the second academic year at Rollins College.

d. Twelve courses in a major field including the senior departmental course and senior independent study. The Department of Music requires additional credits in applied music.

e. Senior Interdisciplinary Course, or Senior Synoptic Course on nomination.

f. A total of 11 to 15 unrestricted courses may be elected, depending upon other requirements.

g. Freshmen may take only 100-level courses except in unusual cases and then only by special permission. One exception to the general rule is the 200-level intermediate language requirement.

h. Four terms (fall and spring) of physical education to be completed by the end of the fall term of the junior year.

Graduating seniors must participate in the annual Commencement unless excused for a valid reason by the Dean of the College.



EXPLANATION OF COLLEGE ACADEMIC REQUIREMENTS

FOREIGN LANGUAGE. The College feels that all of its graduates should have some acquaintance with a foreign culture through the study of its language. Every student, therefore, is required to achieve proficiency in a foreign language equivalent to completion of the second-year college course. Interested students are urged to elect further work in either advanced foreign languages or area studies. Students who have studied a language in secondary school are advised to continue the study of the same language. The language requirement must be completed not later than the sophomore year. Special permission to complete this re-

quirement in the junior year will be granted only under unusual circumstances.

The language requirement can be met in the following ways:

1. Students whose score on the achievement test shows achievement equivalent to the satisfactory completion of a second-year college course will be excused from further language study.

2. Students who began a language in high school may complete the second year course in that language in college. A student who has taken two or more years of a language in high school may not take for credit the first year college course.

3. Students who begin the study of a new language in the College must complete the 100- and 200-level language courses.

ENGLISH COMPOSITION. All entering students must give evidence to the faculty of their ability to write correctly, clearly, and effectively. This evidence may be in the form of a sufficiently high score on the English Composition Achievement Test of the College Entrance Examination Board and satisfactory writing on the theme written during College Preparation Week. Those students whose writing falls below the standards of acceptable freshman writing will be placed in English 101 (Freshman Rhetoric and Composition) for the fall term. Students failing in this course will find it necessary to be tutored until they can meet freshman writing standards.

PHYSICAL EDUCATION. Four terms of phys-

ical education, (fall and spring terms), unless excused for medical reasons, are required of all students for graduation. A satisfactory grade must be achieved. This requirement must be satisfied before the end of the fall term of the junior year. If a student receives a failing grade in two terms of physical education, he will be warned. After the third failure, he will be placed on academic probation for the following term.

COURSE LOAD

A full academic load is defined as 4 courses during the fall and spring terms and 1 course during the winter term. Any student registering for more than 4 courses in the fall or spring terms must have the program approved by his adviser and by the Dean of the College or the Registrar. Only one course may be taken in the winter term.

EVALUATION OF THE STUDENT'S WORK

The grade report is based on the following principles:

Grade *A* is reserved for work that is exceptional in quality, for work showing keen insight, understanding, and initiative well beyond the requirements of the course. This grade cannot be earned solely by conscientious preparation of assigned work or by high grades on tests.

Grade *B* is given for work that is consistently superior, for work that shows interest, effort or originality that lifts it well above the average. Conscientious preparation of assigned work

alone does not merit *B*; the grade is a recognition of quality.

Grade *C* is a respectable grade. It is the minimum average required for graduation. It assumes regular attendance at class, punctuality, consistent preparation of work day by day, and completion in a satisfactory manner of all work required in the course.

Grade *D* is the lowest passing grade. It is below the average necessary for meeting graduation requirements and usually is not accepted for transfer to other institutions.

Grade *F* is failing.

For each course credit, letter grades are assigned quality points as follows:

Grade A	12 quality pts.	Grade C-	5 quality pts.
Grade A-	11 quality pts.	Grade D+	4 quality pts.
Grade B+	10 quality pts.	Grade D	3 quality pts.
Grade B	9 quality pts.	Grade D-	2 quality pts.
Grade B-	8 quality pts.	Grade F	0 quality pts.
Grade C+	7 quality pts.	Grade WF	0 quality pts.
Grade C	6 quality pts.	Grade XF	0 quality pts.

A grade of *I* indicating that the work of a course is *Incomplete*, may be assigned only when circumstances beyond the control of the student, such as illness or necessary absence from the campus, have made it impossible for the student to complete the work of the course within the normal period. *The student receiving a grade of I must complete the work of the course within the next succeeding term of residence in the College.* Failure to complete the course within one term will result in the assignment of a grade of *F*.

Grade reports of all first-year students are sent to their secondary schools.

A student may elect (no later than one week after the beginning of a course, in writing to the



Dean of the College and the instructor) to take a course or directed study outside his major field on pass-or-fail basis. The grade of pass will not be assessed on the grade-point average but will be given academic credit. No more than one course per term may be so designated and a maximum of four such courses will count for graduation. The pass-fail option does not apply to *required* courses.

THE GRADUATE RECORD EXAMINATION

All seniors are urged to take the Graduate Record Examination (Aptitude). Most graduate schools either require or request candidates to take this examination. It is given each year at Rollins, which serves as a Center for this purpose, and is so designated by the Educational Testing Service of Princeton, New Jersey.

CLASSIFICATION OF STUDENTS

Sophomore standing	9 courses
Junior standing	18 courses
Senior standing	27 courses

REGISTRATION

Students must present themselves for registration on the days that are assigned for that purpose. Completion of registration after the regularly appointed period subjects the student to a fine of \$5.

CHANGE IN REGISTRATION

Any change in registration must be made during the first week of the term. Approval of changes later in the term will be granted by the Dean of the College or the Registrar only to meet circumstances beyond the control of the student.

TRANSFER STUDENTS

Transfer students must meet all of the Rollins requirements if they expect to graduate from Rollins. (See page 38, Admission, for further details).

CLASS ATTENDANCE

Rollins employs a variety of instructional methods with a corresponding variety of class attendance requirements.

In view of this variety, the College makes a distinction between *absence from class* and *overnight absence from the College*. Permission to be absent from the College must be obtained from the Office of Student Affairs. Permission to be absent from a specific class must be obtained from the professor responsible for that class. Hence, a student who wishes to be absent from the College must obtain permission both from the Office of Student Affairs and from his professors.

A student who is absent from the College without permission from the Office of Student Affairs will be subject to appropriate disciplin-

ary action, which may include dismissal from the College. A student who is absent from any class without permission of his instructor may be penalized by the lowering of his grade for the course or, in extreme cases, he may be referred to the Academic Standing Committee, who may place him on academic probation or require him to withdraw from the College.

Each student will be held responsible for all absences from class. When a student is absent, it is his responsibility to arrange with his professor to make up the work deemed necessary. In this respect, there is no differentiation between excused and unexcused absences. *If a student is not in attendance at class for any reason, he is considered absent.*

Violations of the foregoing attendance policy immediately before or after a holiday or vacation will be treated more severely than violations at other times.

ACADEMIC WARNING AND PROBATION

Academic warning and probation are not to be considered as punishment, but are intended to give the student opportunity and encouragement to achieve and maintain good academic standing. In order to protect the academic standards of the College, warning and probation also serve as notice to the student and to his parents or guardian that dismissal may result from failure to improve his academic record.

A student may be placed on academic probation whenever his record endangers his reasonable progress toward a degree according to standards established by the Academic Standing Committee. If in the opinion of the Committee it is in the best interests of the student, a term

of academic warning may be substituted for the first term of probation. Actions of this Committee in individual cases are based on consideration of all factors presented in each case, and such individual actions are not to be considered as establishing precedent or policy.

A student on academic probation is not in good standing and may not own or maintain a motor vehicle or hold a scholarship. The student may be asked to abide by additional regulations determined by the Committee.

ACADEMIC STANDARDS. A student is ordinarily placed on *academic probation* under the following conditions:

1. If in any term his academic average for that term is substantially below C.
2. If at any time his cumulative academic average jeopardizes his normal progress toward eligibility for graduation.

In applying this condition, a graduated scale is used. A freshman may remain in satisfactory academic standing if his cumulative academic average is C-, a sophomore slightly above C-, a junior slightly below C, a senior must maintain a cumulative average of C.

A student who fails to attain a satisfactory academic standing after a term of academic probation will be considered for dismissal from the College.

As a matter of general policy, the probationary period for a freshman will be extended to the end of his first year if such extension appears to be in the best interests of the student.

REMOVAL FROM ACADEMIC PROBATION. A student on academic probation will ordinarily be

removed from probation if in the next succeeding term he carries a normal academic load and substantially remedies the deficiencies for which he was placed on probation.

ACADEMIC DISMISSAL

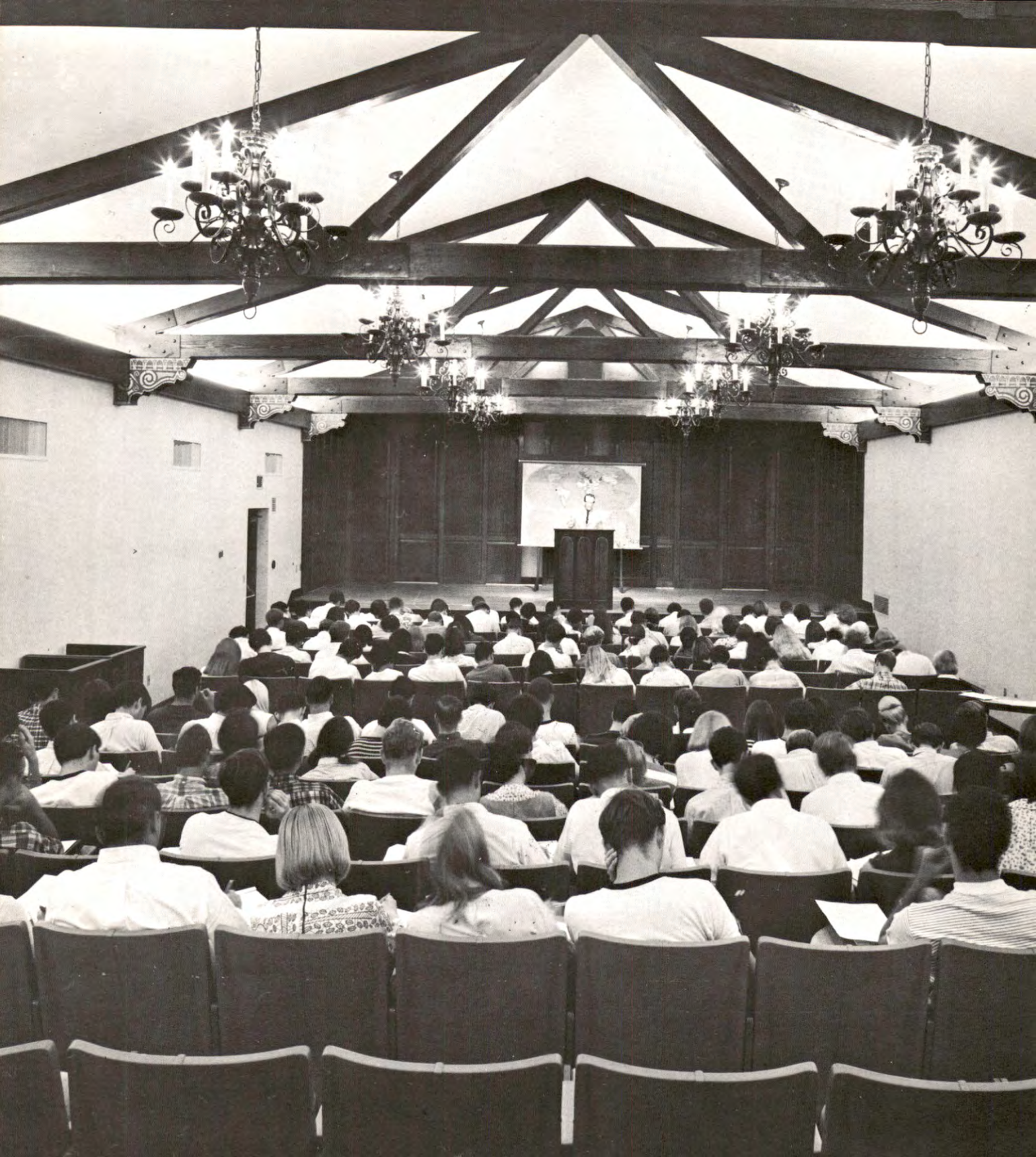
If a student on academic probation does not show satisfactory progress and achievement by the end of the term, he is usually dismissed from the College.

Any student, freshman or upperclassman, may be dismissed from the College without a previous term of academic probation if his record in any term is of such poor quality that continuation in the College appears unjustifiable.

DROPPING WORK

Work for which a student has once registered may not be dropped except by *formal permission of the adviser, the instructor, and the Dean of the College or Registrar*. Drop cards may be secured from the Registrar's Office. A course dropped after the first week of classes in any term is recorded as *W* if the work to date is passing, or *WF* if failing, on the student's permanent record. *WF* is included in computing a student's average. The grade of *XF* is recorded for a course abandoned without an official withdrawal, and is computed in the average as a failure.

After the middle of any term, a student may not withdraw from a course without a failing grade, except for illness or other major reason to be defined and recommended by the Office of Student Affairs.



Courses of Instruction

NUMBERING OF COURSES

The following system is used in the numbering of courses: courses open to freshmen are numbered from 100 to 199; courses open to sophomores are numbered from 200 to 299 (200-level foreign language courses are open to qualified freshmen); courses open primarily to juniors and seniors are numbered 300 and above. The term is indicated with a letter: F, fall term; W, winter term; S, spring term. Course offerings and terms are subject to change. An official course schedule is printed before the opening of the fall term.

CREDIT AND ACADEMIC LOAD

A course credit is equivalent to five quarter-hours (three and one-third semester-hours) credit. The normal academic load is four courses during the fall and spring terms, and one course in the five-week winter term.

FOUNDATION COURSES

Four Foundation Courses for freshmen are offered: one each in the humanities and the social sciences and two in the natural sciences. Of the latter, one, comprising all natural sciences, is for students not planning to major in one of the natural sciences; and one, in the physical sciences, is for students planning to major in mathematics or a laboratory science, or for students who have had physics or chemistry

in high school. All students must complete the Humanities Foundation Course, the Social Science Foundation Course, and one of the Science Foundation Courses. These courses, together with a winter term directed study, are basic in the normal freshman year program.

The Foundation Courses are taught by groups of selected teachers representing the major disciplines within each field; hence, not only will each freshman be exposed to some of the leading scholars on the faculty, but each student will be provided with a sound basis for selecting a major field of interest at the end of the freshman year.

Lecture and discussion sessions and laboratory work in science, extensive outside reading and preparation form the normal weekly instructional pattern and requirement for each course. The teaching groups will give serious attention to composition work on papers and examinations. Any student whose composition work in the Foundation Courses is below standard will be required to do additional work until satisfactory writing standards are met.

HUMANITIES

Gallo and Miller (*Co-Chairmen*), DeNicola, Klappert, Nordstrom, Thompson, Woodbury

FC 101F, 102S. THE GENESIS OF THE MODERN WORLD

The Humanities course consists of a study of the interrelationships of social, political, intellectual, and artistic events and achievements of the past with those of today. The primary aim of the

course is to encourage independent thought through viewing these events as interrelated rather than isolated phenomena. The secondary aim is to introduce the student to the forms and methods of the disciplines in the Humanities in order to prepare him for later study in each of them and to aid him in making an intelligent choice of his major field of study.

In the fall term the approach is chronological, with the focus on the seventeenth century; in the spring term the approach is thematic, the conjunction of rational and emotional world views.

The course is taught by a combination of lecture and discussion method, with the small discussion group the heart of the course. There are two lectures, films, musical or theatrical presentations a week, and two or more discussion classes.

SOCIAL SCIENCES

Cotanche and Jones (*Co-Chairmen*), Haylor, Jorgensen, Levis, Sheldon

FC 111F, 112S. CONTEMPORARY ISSUES IN SOCIETY

The basic concepts, methods, and ways of examining society by the social sciences are presented to students, using dissent as a relevant context. Historical, sociological, anthropological, educational, and economic dimensions of dissent will be examined in terms of its causes and its consequences for society. The course is designed to introduce students to the basic concepts and methodologies of the contributing disciplines and to the functions and dysfunctions of dissent.

THE NATURAL SCIENCES

Byers (*Chairman*), Richard, Sandstrom, D. Smith

FC 121F, 122S. THE SCIENCES: A SEARCH FOR ORDER

An examination of the world of nature to unravel, as far as feasible, the mystery of matter both living and non-living.

The course will include material from various sciences pertaining to order and disorder, symmetry and asymmetry, genetic and evolutionary laws, and the basic concepts of ecology.

This course is designed for those students not planning to major in biology, chemistry, mathematics, physics, pre-engineering, or premedicine. Students anticipating such majors are to take FC 141, 142, in their freshman year.

Ross (*Chairman*), Hellwege

FC 141F, 142S. PRINCIPLES OF PHYSICS AND CHEMISTRY

An introductory course designed to be taken in the freshman year by all students planning to major in mathematics or in a laboratory science: biology, chemistry, physics, pre-engineering, or pre-medicine. Other students who have had either physics or chemistry in high school may elect this course to fulfill their science foundation course requirement.

This course will formally develop basic background concepts concerning the nature of mat-

ter and energy which underlie all fields of science. The first term of the course will concentrate on the basic conservation principles in mechanics and the fundamental principles and laws of chemistry with emphasis on the development of atomic theory.

In the second term the theory of electricity leads to a treatment of wave motion, followed by atomic structure, quantum theory, radioactivity, and nuclear energy.

Laboratory experimentation will be an integral part of the course work, and emphasis will be placed upon analytical reasoning.

SENIOR INTERDISCIPLINARY COURSES

Beginning in the fall term 1970, all seniors are required to take an integrating course designed to enable them to relate their major field to other fields both inside and outside the division to which it belongs. Two such courses are being offered: the *Senior Synoptic Course*, which is open only to those seniors who have been nominated for the course by a faculty member in their department; and a new *Senior Group Study Course*, which is open to all seniors. The first is a two-term course which runs through the fall and spring terms; the second is a one-term course which may be taken in the fall or the spring term.

SR 491F, 492S. SENIOR SYNOPTIC COURSE

Darrah, Vestal

Each of the sections in this course is composed

of a variety of different majors. During the fall term these majors try to state the basic methods, problems, assumptions, "irreducibles" and values of their own field, and then try to relate this field to the other fields represented in the section with the aid of the outline "map of knowledge" provided by F.S.C. Northrop's "The Logic of the Sciences and the Humanities."

During the spring term each student writes a paper giving a systematic, philosophical synopsis of his education at Rollins, based to a large extent on the integrated knowledge he has acquired during the fall term. He is required to read and defend this paper before the other students in his section. Moreover, he is required to answer a number of important, practical problems from the standpoint of his stated philosophy.

SR 493F, S. SENIOR GROUP STUDY D.S.

Miller and Wavell (*Co-Chairmen*), Blossey, Critchfield, Folsom, Hicks, Mulson, Scheer

In this course, groups of six students from as many different major fields cooperatively research one or more interdisciplinary problems. Each student of a group is held responsible for all aspects of all problems that relate to his major field, and for educating the other members of the group in these aspects. A group study normally results either in individual interdisciplinary reports from each member of the group, or in a joint report from the group as a whole. In the latter case, the contribution of each member of the group to the report must not be confined to his own field.

ART

Peterson (*Head*), Hallam, Larned, McKean, Thompson

A major in Art requires broad fundamental training in the various phases of art expression. The student should have a thorough understanding of fundamental art principles. He should be able to analyze art problems and achievements of the past and present. Emphasis on creative thinking is the aim of the department's program.

The student may choose a program emphasizing studio art or history of art. For studio concentration the student should schedule two courses, Principles of Art 131 and 132 (to be taken in the freshman year) and the two courses, Introduction to Art History 201 and 202.

For art history concentration he should schedule Introduction to Art History, one term of Principles of Art (fall or spring), and one intermediate level studio course.

Studio Concentration

Principles of Art	(131,132)
Introduction to Art History	(201, 201)
Drawing and Composition	(221)
Intermediate Studio	3 courses
Advanced Studio (should include painting and sculpture)	4 courses
Major Discipline Seminar	1 course
Independent Study	1 course

Art History Concentration

Principles of Art	(131 or 132)
Intermediate Studio	1 course
Introduction to Art History	(201, 202)

Period Concentration (classes or directed study)	5 courses
Major Discipline Seminar	1 course
Independent Study	1 course
Special Studies in Art History	1 course

Related Courses

To achieve breadth in his college program, the student majoring in Art should select at least four from the following group of associated courses:

1. Aesthetics
2. World Literature
3. Old Testament
4. Technical Theatre
5. Masterpieces of Music Literature
6. European History
7. 20th-Century Drama
8. 20th-Century Poetry

All senior art majors will take part in the Senior Seminar. Studio majors will be required to participate in the Senior Art Exhibition at the end of their senior year. Art history majors may participate in the senior Art Exhibition or must meet a suitable equivalent requirement.

131F, 132S. PRINCIPLES OF ART

Theory and application of color and design fundamentals. Work in this two-term course includes drawing, painting, and graphics.

198W. FIVE WEEKS DIRECTED STUDY

Baroque Art. (not offered, 1970-71)

201F, 202S. INTRODUCTION TO ART HISTORY

A general introduction to the visual arts. Works of

architecture, sculpture, and painting studied through illustrated lectures and discussions. Class work supplemented by outside reading reports. Required of majors. High school credit in survey of art history accepted.

221F. DRAWING AND COMPOSITION

Various forms and drawing media will be explored. Drawing will be approached as an aid to visualization of two- and three-dimensional form through studies in perspective, the human figure, and non-representational form.

222S. TWO- AND THREE-DIMENSIONAL DESIGN

Exploration of two- and three-dimensional form, leading to studies in sculpture, ceramics, painting, and graphics.

231F. PAINTING I

Intermediate level studies in painting, collage, and construction, employing oil, acrylic, and various mixed media. Prerequisite: Principles of Art or consent of instructor.

232S, 332S. SPECIAL STUDIES IN PAINTING AND GRAPHICS, I AND II

Intermediate and advanced level studies in the related fields of painting and graphic arts. Special attention will be given to the development of individual points of view, drawing from the student's prior experience in design, painting, and graphics.

241F. SCULPTURE I

Exploration of several sculptural modes and techniques, traditional and contemporary. This course is intended to give the beginning sculpture student a broad training from which to go on to specialized work. Prerequisite: Art 222 or consent of instructor.

298W. DIRECTED STUDY IN PAINTING, DESIGN, SCULPTURE, OR ART HISTORY

299W. DIRECTED STUDY IN PRINTMAKING

Studies in intaglio and silk screen printing. Prerequisite: consent of instructor.

309. MEDIEVAL ART AND ARCHITECTURE

A study of architecture, sculpture, and painting. Lec-

tures consider decline of classical art, emergence of Early Christian and Byzantine art, the interrelationships between arts of the east and those of the west. Special attention is given to sources and development of Romanesque and Gothic styles, examined as symbols of human life, belief, and ideas. Prerequisite: Sophomore standing.

311F. ITALIAN RENAISSANCE ART

Northern Renaissance art concentrates on the development of painting techniques, the variances of styles, and the iconology of 15th- and 16th-century Flanders, France, Germany, England, and Spain. Prerequisite: Sophomore standing.

310. NORTHERN RENAISSANCE ART

The development of Renaissance art in Italy from the 14th to the early 17th century. Analogies between visual arts and contemporary humanist ideas are explored. Prerequisite: Sophomore standing or consent of instructor.

313F. MANNERIST AND BAROQUE ART

Sources of Italian Baroque style are examined in context with the Reformation and Counter-Reformation. Dutch, Flemish, French, and Spanish 17th-century art considered. Prerequisite: Art 311 or consent of instructor.

319S. ARTS OF ANCIENT CIVILIZATIONS

This course concentrates on Egypt, Mesopotamia, Anatolia, Crete, Greece, and Rome, tracing the intermingling of influences in architecture, sculpture, painting, and the minor arts. Prerequisite: Sophomore standing or Art 202.

321F. NINETEENTH CENTURY ART

This course traces the succession of styles of nineteenth-century painting, highlighting the leadership of France, and showing in the pictures of the nineteenth century the basis for abstract art of the present time. Prerequisite: Sophomore standing or consent of instructor.

322S. AMERICAN ART

A study of architecture, sculpture, and painting in America from the founding of the colonies to the present time. The course traces America's emergence

from a reflection of European influence to contemporary leadership in the arts. Prerequisite: Sophomore standing or consent of instructor.

323S. CONTEMPORARY ART

A study of the origins and trends in painting, sculpture, and architecture since Realist-Impressionist movements of the 1860's. Artistic problems and ideas studied in context of social and political life and as symptoms of crises and deep changes in modern civilization. Prerequisite: Sophomore standing or consent of instructor.

324. MOVEMENTS IN CONTEMPORARY ART

A selected study of significant art works since World War II, stressing their inter-relationship and the sociological trends which they represent. Prerequisite: Junior standing and Art 323 or consent of instructor.

331F. PAINTING II

Studies in several media, concentrating on the student's individual development. Prerequisite: two courses in painting and consent of instructor.

341W. WATERCOLOR

Studies in the handling of transparent watercolor, treating still life, landscape, and the figure. For majors and non-majors. Taught in alternate years (not offered, 1970-71).

342S. SCULPTURE II

Additional studies in sculpture, emphasizing contemporary forms and materials and concentrating on the student's individual development. Prerequisite: Art 241 or consent of instructor.

343. THE HUMAN FIGURE

Studies in drawing and painting. Anatomy studies, study of master drawings, and work from figure and portrait models will be included. Taught in alternate years. (1970-71)

370F. SPECIAL STUDIES IN ART HISTORY

Research in specialized areas of the field of art history. This course is designed to provide students with a thorough working knowledge of the varied resources of

the art historian. Required of art history majors. Open to students with Introduction to Art History and three period courses.

380S. SPECIAL CATEGORIES IN ART HISTORY

Surveys of selected areas of art history not encompassed by the departmental sequence of period courses. Included will be Art Nouveau, Latin American Art, and Near Eastern Art.

399W. SENIOR INDEPENDENT STUDY

400W. TOURS ABROAD

Prerequisite: Sophomore standing

401S. SENIOR SEMINAR

Departmental studies designed to integrate different aspects of the art curriculum through lectures, papers, panels, and individual studio and art history projects.

BEHAVIORAL SCIENCE

Upson (*Head*), Burnett, Jones, McLeod, Ray, Weiss

Behavioral Science explores man's experience and behavior at three conceptual levels: person, society, and culture. An emphasis is placed, when possible, on integration and continuity among psychology, sociology, and anthropology.

The Department offers a major in Behavioral Science in which the student may (1) pursue a general program of studies or (2) choose to concentrate in one of the specific areas of anthropology, psychology, or sociology.

All students wishing to major in Behavioral Science should plan to complete 12 courses in the Department. The following 6 core courses must be taken:

Introduction to Behavioral Science
(or equivalent) (200F)

Learning (220S)
Cultural Anthropology (351F)
Methodology (303F)
Senior Independent Study and
Colloquium (499FS)
One elective in Sociology

A student wishing to concentrate in the area of Anthropology should take the following courses in addition to those required for the Behavioral Science major:

Winter Term Field Study
Two area studies
Two electives

A student wishing to concentrate in the area of Sociology should take the following courses in addition to those required for the Behavioral Science major:

Social Structure (275)
Social Dynamics (276)
Population (301)
Community Development (317)
One elective

A student wishing to concentrate in the area of Psychology should complete the following courses in addition to those required for the Behavioral Science major:

Personality (254S)
Motivation (325F)
Experimental Psychology (361S)
Statistical Methods
(Mathematics 120)
Two electives

Students wishing recommendation to gradu-

ate school in Anthropology or Sociology should consult with a staff member in selecting elective courses both in and outside of the Department.

Students wishing recommendation to graduate school in Psychology should:

1. Consult with a staff member in selecting elective courses both in and outside of the Department.
2. Complete a supplementary reading list which will accompany selected courses.
3. Pass a comprehensive examination to be given during the senior year.

200F. INTRODUCTION TO THE BEHAVIORAL SCIENCES

An introduction into the fields of anthropology, psychology, and sociology. Emphasis is placed on the basic processes and methodologies in the behavioral sciences. This course is a prerequisite for any other course offered in Behavioral Science.

220S. LEARNING

This course acquaints the student with the various areas of concern in the study of behavior acquisition and modification. The course considers the philosophical and theoretical positions of workers in a variety of these areas. Both pure and applied research are reviewed, thus attempting to appreciate the continuity from the laboratory use of animals to the social-ecological understanding of humans.

254S. THEORIES OF PERSONALITY

A study of major theorists' contributions to personality theory. An evaluation of the current status and research of each theory is part of the course content.

260. SOCIAL PROBLEMS

Problems of contemporary society are discussed with emphasis directed toward the analysis of the social structures which allow such problems to exist.

275S. SOCIAL STRUCTURE

Society is considered as structured intergroup relations.

276S. SOCIAL DYNAMICS

Theories of the dynamics of social change are studied with special emphasis on the importance of rates of change and the causes and consequences of present-day rapid social change. In this context deviant behavior and social problems are given consideration.

301. POPULATION

An introduction to the basic principles of demography. This course will include the important contributions of population analysis and of the trends in population changes to the understanding of society.

303F. METHODOLOGY

Emphasis is given to a conceptual appreciation of research strategies from laboratory experimentation to naturalistic observation in field situations. Illustrative techniques and instrumentation developed by the major fields of inquiry will be presented.

308F. THE FAMILY

A study of the human family as a social system including an analysis of its structure and functioning, and an examination of courtship, sexual behavior, love, marriage, and husband-wife and parent-child relationships.

309F. LANGUAGE AND CULTURE

Language is examined as a variable determining and reflecting social cultural variation. Current theories on the relationships between language and culture and between language and thought are treated.

310. PSYCHOPATHOLOGY

This course is intended to combine a survey of the types of pathology, their etiology, dynamics, and treatment with a field experience. Students must be of junior standing and obtain permission of the instructor.

311. PEOPLES OF AFRICA

An anthropological examination of societies in the sub-Saharan Africa. A representative sample of traditional African cultures will be studied, and there will be an ethnological investigation of what is known about African cultures in an attempt to understand better a continent which is so frequently misunderstood.

312. THE NEGRO IN THE NEW WORLD

An anthropological examination of black communities in the Western Hemisphere, especially in the circum-Caribbean area. The culture of selected communities will be studied and ethnological generalizations about New World Negro communities will be investigated in an attempt to understand better the past, present, and future of Afro-Americans.

317F. COMMUNITY DEVELOPMENT

The relation of community organization to the structure of society is considered, including changes created by technology and planning. Worldwide trends toward urbanization are analyzed.

319F. SOCIAL PSYCHOLOGY

This course acquaints the student with a variety of approaches to the understanding of human behavior in a social context. All sources contributing to such an understanding are considered, including animal social experimentation, physiological psychology, ethology, behavior modification, attitude conditioning, as well as more traditional areas such as group dynamics and dissonance theory. Prerequisite: Behavioral Science 220.

325F. MOTIVATION

A survey and analysis of a wide variety of research areas which address the question of motivation. An operational analysis is made of research derived from ethology, comparative and physiological, activation studies, social and personality dimensions. A synthesis of this material based on an operational point of view is attempted. Prerequisite: Behavioral Science 220.

335S. COMPARATIVE AND DEVELOPMENTAL PSYCHOLOGY

This course examines the development and behavior, both animal and human, within the context of the interaction of constitutional limits and behavior modification processes. Some attention is given to the sequencing of events and the resulting differential effects on behavior.

337S. PSYCHOMETRICS AND INDIVIDUAL DIFFERENCES

This course introduces the student into principles of

psychological testing and an investigation of individual and group differences. Individual and group testing instruments and procedures will be studied with emphasis on the value and limitations of each. Particular attention is given to ethical considerations in the use of tests. Laboratory required.

341S. SOCIOLOGY OF EDUCATION

An analysis of the social structures implicit in the educational process. The nature of an educational setting is related to the sociological framework out of which it evolved.

351. CULTURAL ANTHROPOLOGY

A study of the development and functioning of culture, and an examination of the differences and similarities between various societies in an attempt to understand the relationship between culture and human behavior.

352. RACIAL AND ETHNIC GROUP RELATIONS

Social cohesion and subcultures in America and in other societies are considered.

353. CULTURE AND PERSONALITY

The anthropological contributions to an understanding of personality are examined, including the concepts of national character.

361S. EXPERIMENTAL PSYCHOLOGY

An introduction to laboratory techniques and procedures in psychology. Laboratory required.

365. PHYSIOLOGICAL PSYCHOLOGY

An introduction to research and methods in physiological contributions to an understanding of behavior.

402S. DEVELOPMENT OF SOCIAL THEORY

The development of sociological theory is traced from Comte to contemporary thought.

405. SOCIOLOGY OF RELIGION

The interrelation of religion and cultures in various societies and the relationship between groups of diverse religious orientations are studied.

407F. HISTORY AND SYSTEMATIC PSYCHOLOGY

Current major concepts of psychology evaluated through the perspectives of their histories.

420. PHENOMENOLOGICAL PSYCHOLOGY

American and European contributions to the emerging field of phenomenology are discussed with emphasis placed on relating phenomenology to other traditional psychological approaches.

430. COMPARATIVE AND ANIMAL BEHAVIOR

A review of ethology and comparative research in animal behavior.

499F, S. SENIOR INDEPENDENT STUDY AND COLLOQUIUM

BIOLOGY

Scheer (*Head*), Byers, Racey, Richard, Sandstrom, D. Smith, Vestal

A student majoring in Biology must take a minimum of 12 courses in the field in addition to the Principles of Physics and Chemistry Foundation Course and Organic Chemistry. Courses required within the Biology major are 201, 202, 211, 212, 316, 408, 462, and independent research in the senior year. Elective courses are scheduled in a sequence that, in the opinion of the major adviser, best reflects the interests and needs of the student.

The curriculum in Biology is broadly based and sequentially oriented and it exposes the major to a variety of meaningful laboratory and field experiences. Students of demonstrated abilities may receive the honor of being awarded a laboratory assistantship. If a career of teaching or research is contemplated, the student is strongly urged toward graduate work by acquiring a reading knowledge of foreign languages.

Additional studies in other fields provide for a broad cultural background. See Pre-Medicine.

192, 292W; DS. PSYCHOBIOLOGY

An introduction to the biological bases of behavior in which the physical, developmental, physiological, and hereditary determinants, as well as environmental and experimental modifications of behavior will be considered. More specialized topics include the study of social behavior, instinct, conditioning experiments, memory, and the effects of drugs on behavior. Prerequisite: FC121 or FC141.

198W. PALEONTOLOGY

Reconstruction of life of past time through a study of fossils and the geological formations in which they occur.

198, 298W; DS. FROM ORIGIN TO ORGANISM

Experimental evidence concerned with the origin of life, the structure and function of the cell, and the combining of cells into multicellular organisms. Prerequisite: FC121 or FC141.

201F, 202S. BIOLOGICAL DIVERSITY

An evolutionary treatment of the plant and animal kingdoms, emphasizing practical approaches of the field and laboratory and theoretical aspects of the origins and ordering of biological diversity. Required of biology majors. Prerequisite: FC122 or FC142.

211F, 212S. PHYSIOLOGY

Principles of plant and animal physiology at the cellular and organismal levels, with emphasis on homeostatic mechanisms. Required of biology and premedical majors. Prerequisite: FC122 or FC142.

216F. HUMAN ECOLOGY

An introduction to the dynamics of man in ecosystems, tracing the interrelationships of man and his environment from prehistory through the present. Emphases will be placed upon the growth of human populations, the effects of expanding populations and technology upon the environment, the factors responsible for present environmental problems, the difficulties inherent

in pollution control, conservation of resources, radiation ecology, and human ecology in the future. Prerequisite: FC121, 122.

236F. ESSENTIALS OF NEUROANATOMY

An elementary study of the grosser structure of the nervous system with special emphasis on the mammal. Some consideration will be given the embryology and evolution of the system. Function will be of concern only insofar as it makes structure more meaningful. Laboratory to consist chiefly of the dissection of the mammalian nervous system with some supplemental work on the dogfish. Prerequisite: FC142 or FC122. Not to be used towards a premedical major.

251W. POPULATION BIOLOGY

A biosystematic study of the variation within and between natural populations for the available species of a genus found in the area. This is a course in practical mathematical biology insofar as various statistical techniques are used to measure the variations and their significance. Prerequisite: Consent of instructor.

293W. PLANT CONSTITUENTS

An introduction to the chemistry of natural plant products, their distribution, biological functions, and economic importance. Prerequisite: FC141-142 or consent of instructor.

294W. GEOLOGY

The evolution of Earth structures, environments, and resources is emphasized and related to man's use of the Earth.

298, 398, 498W or S; DS, IS. LABORATORY RESEARCH
Special topics will be selected.

314S. THE AQUATIC HABITAT

An analysis of the chemical and biotic aspects of natural waters. Emphasis is upon the development of skills necessary to secure and interpret information about the aquatic environment. Prerequisites: FC141, 142; Biology 201 or consent of instructor.

316F. ECOLOGY

A field-oriented course in ecology with an emphasis on

population, community, and ecosystem studies in representative fresh water, marine, and terrestrial habitats of Florida. Required of biology majors. Prerequisite: Biology 202 and junior or senior standing.

323F. COMPARATIVE VERTEBRATE ANATOMY

History of vertebrate structure based on a comparative study of the various classes of vertebrates. Detailed laboratory dissection of the dogfish as a basic type. Prerequisite: FC142 and junior standing, or consent of instructor.

324S. MAMMALIAN ANATOMY

An in-depth analysis of the anatomy of mammals with particular emphasis on structural interrelations between the various systems. Detailed dissection of the mammal. Prerequisite: 323F. Required of all premedical majors.

327S. ANALYSIS OF VERTEBRATE DEVELOPMENT

Embryological development of vertebrate forms, particularly the bird and mammal. Both descriptive and experimental aspects considered. Laboratory covers detailed development of bird and mammal. Prerequisite: Biology 323F.

328F. MICROBIOLOGY

Lectures and laboratory in microbial taxonomy, structure, growth, nutrition, metabolism, and genetics. Emphasis on fundamental biochemical and biophysical principles. Prerequisite: FC121 or FC141.

338S. READING IN LIFE SCIENCES

Critical reading and discussion of important writings in biological literature. Prerequisite: Biology 202 or consent of instructor.

340. ADVANCED TAXONOMY

An independent in-depth systematic study of a selected group of organisms. Prerequisite: Biological Diversity and consent of instructor.

395S. OCEANOGRAPHY

A study of submarine geology, physical and chemical oceanography, and marine biology. Field emphasis

placed upon near-shore processes and communities. Prerequisite: Consent of instructor.

398, 498W; IS. EXPERIMENTAL EMBRYOLOGY

Individual problems will be selected for study depending upon student's interest and preparation. Prerequisite: Biology 327.

398, 498W; IS. TROPICAL BIOLOGY

Studies in tropical biology conducted at the Smithsonian Institution research station at Barro Colorado Island in the Panama Canal Zone. Field studies may include selected problems in taxonomy, behavior, or ecology. Prerequisite: Biology 202 or 316.

399W, 499W. RESEARCH

408F. GENETICS

Course deals with the laws of variation and heredity. Required of biology and premedical majors. Prerequisite: Senior major standing.

431. BIOCHEMISTRY

An introduction to the principles of modern biochemistry, with emphasis on the chemical mechanisms by which living cells store and utilize energy and information. Three lecture hours and one laboratory period per week. Prerequisite: Chemistry 222; suggested previous courses Chemistry 202 and 305.

451S. MOLECULAR BIOLOGY

Lectures and laboratory in fundamental biochemistry and biophysics. Includes metabolism of carbohydrates, lipids, proteins, molecular genetics, radiation-biology, physical chemistry of important biological macromolecules. Emphasis on principles of equilibria, kinetics, and regulatory biology. Required of premedical majors. Prerequisite: Chemistry 223 and senior standing.

462S. EVOLUTION

Integrates those disciplines that contribute to present day concepts of evolution with emphasis on genetic mechanisms and the theoretical relationships of phylogenies to modern taxonomic structure. Required of biology majors. Prerequisite: Biology 408.

CHEMISTRY

Hellwege (*Head*), Blosssey, Cochran

MAJOR — A major in Chemistry provides the student with basic training for a professional career in chemistry and related areas of science. Many graduates continue their education in the various fields of chemistry, chemical physics, geochemistry, oceanography, and the sciences related to life, such as medicine, biochemistry, pharmacology, dentistry, etc., with support through fellowships and assistantships in graduate schools. Others pursue teaching careers on the secondary school level or find careers in the non-laboratory activities of science-based industry, such as information retrieval, sales and market research, and personnel.

Premedical students find that the courses required and strongly recommended by many medical schools are advantageously met by a major in chemistry. The department recognizes this by allowing students to satisfy their major requirements with courses in physiology, biochemistry, molecular biology, comparative anatomy, and others beyond those required in the minimum basic program in chemistry. The newer trends in medical education are also complemented by the opportunities for independent studies in areas related to medicine.

Students planning to major in Chemistry must take the Science Foundation Course FC141, 142 and Mathematics 111, 112 in their freshman year. Well-qualified entering freshmen may be exempt from FC141 and 142 by passing satisfactorily a department-administered examination.

Beyond these a minimum of eight additional courses in chemistry and four elective courses

either in chemistry or related fields, on the 300- or 400-level, will satisfy the requirements for a major in chemistry. Courses taken outside the Science Division will only be accepted for satisfying the major requirements if these have been approved by the department.

Normally, a student will take Chemistry 202, 221, 222, 305, 331, 339, 413, 499. Mathematics 111, 112 and Physics 217 are required. Students exempt from FC141, 142 will be expected to add one advanced course in chemistry and one advanced course in physics to their program.

Students who wish to emphasize biochemistry or medicine are advised to include courses 211, 212, and 451 in the Department of Biology as well as Chemistry 431.

If graduate study in chemistry is contemplated, Chemistry 306, 401, and 417 should be included in the program. Completion of the second year of college work in German or Russian is also strongly recommended.

202. INTRODUCTION TO ANALYTICAL CHEMISTRY

Fundamental theories and techniques of quantitative gravimetric, volumetric, and spectrophotometric methods of analysis with emphasis on the theory of solution equilibria, solubility equilibria, and complex formation equilibria. Introduction to the theory and instrumentation involved in studying the interaction of electromagnetic radiation with matter. Two lecture hours and two laboratory periods per week. Prerequisite: FC142

221, 222. ORGANIC CHEMISTRY I AND II

Basic study of the most important types of carbon compounds: their preparation, interrelations, and properties. Introduction to instrumental methods such as VPC, NMR, IR and UV spectroscopy. Three lecture hours and one laboratory period per week. Prerequisite: FC142.

305. PHYSICAL CHEMISTRY I: THERMODYNAMICS

Chemical applications of the laws of thermodynamics. Introduction to equations of state of matter, the laws of thermodynamics, thermochemistry, properties of solutions, phase equilibria. Three lecture hours and one laboratory period per week. Prerequisite: FC142, Chemistry 202, and Mathematics 111, 112.

306. PHYSICAL CHEMISTRY II: QUANTUM CHEMISTRY

Introduction to some aspects of quantum mechanics. Properties of fundamental particles. Atomic and molecular structure. Molecular orbital theory. Quantum concepts in spectroscopy. Chemical kinetics. Three lecture hours and one laboratory period per week. Prerequisite: Chemistry 305. Mathematics 212 strongly recommended.

331. ANALYTICAL CHEMISTRY I

Nonaqueous solvent chemistry. Ion exchange and solvent extraction. Chemical microscopy. Introduction to symmetry systems. Application of graphical methods to the solution of equilibria problems. Two lecture hours and two laboratory periods per week. Prerequisite: Chemistry 202.

332. ANALYTICAL CHEMISTRY II

A study of the principles of conductimetry, potentiometry, polarography, and amperometry. Introduction to radiometric methods in analytical chemistry. Two lecture hours and two laboratory periods per week. Prerequisite: Chemistry 331.

399. INSTRUMENTAL TECHNIQUES

Independent study of principles and practices of modern physical instrumentation such as NMR, IR and UV spectroscopy, X-ray diffraction, polarimetry and optical rotary dispersion, differential thermal analysis, activation analysis, and others.

401. INORGANIC CHEMISTRY

Quantum mechanical basis of magnetic moment. Basic chemistry of selected transition elements. Stereochemistry of complex inorganic compounds. Methods for structure determination of complexes. Ligand field and molecular orbital theory of bonding in coordination

compounds. Kinetics and reaction mechanisms of inorganic reactions. Three lecture hours and one laboratory period per week. Prerequisite: Chemistry 306 and 331. Mathematics 212 strongly recommended.

413. PROBLEMS IN CHEMISTRY – Senior Course

Study of individual problems or special topics, depending on the interest or preparation of the student. Use of chemical literature and preparation of written and oral reports are required.

417. ADVANCED ORGANIC CHEMISTRY

Modern interpretation of molecular structure and reactivity related by means of organic reaction mechanisms. The laboratory portion of the course will be devoted to a study of qualitative organic analysis. Both lecture and laboratory will stress independent use of primary chemical literature. Two lecture hours and two laboratory periods per week. Open only to seniors. Prerequisite: Chemistry 222 and 306.

431. BIOCHEMISTRY

An introduction to the principles of modern biochemistry, with emphasis on the chemical mechanisms by which living cells store and utilize energy and information. Three lecture hours and one laboratory period per week. Prerequisite: Chemistry 222; suggested previous courses: Chemistry 202 and 305.

499. INDEPENDENT STUDY

Chemical Research.

ECONOMICS

Welsh (*Head*), Dorff, Epley, Etzold, Evans, Hill, Jorgensen, Legg, Shen, R. B. Smith

The Department of Economics offers an undergraduate major which provides a balanced program of courses in economic theory and applied principles in economic and business operations.

A major in Economics comprises twelve courses, including one independent study at the junior or senior level, and one Senior Departmental course. It is recommended that students considering graduate study take Introductory Calculus (Mathematics 111).

The requirements for the major include the following courses:

Principles of Economics I, II (211, 212)
Economic Analysis (Micro) (303)
International Economics (307)
One Independent Study Course
Departmental Senior Seminar (401)
or
Major Discipline Seminar (402)

In addition it is recommended that at least three courses be taken in the following special fields:

Economic Analysis (Macro) (304)
Money and Banking (306)
Economics and the Law (323)
Accounting in the Business Firm (325)
Comparative Economic Systems (327)

It is recommended also that at least one of the following courses be taken:

Statistical Inference (301)
Labor Economics (321)
Legal Factors in Business
Organization (322)
Financial Analysis and Economic
Decisions (326)

The following courses are open to non-majors without prerequisite, other than status as a sophomore or above:

The American Economy (201)

Note: This course may not be taken for major credit *after* the student has taken Economics 211 – Principles of Economics.

Principles of Economics I (211)
Statistical Inference (301)
Accounting in the Business
Firm (325)

Students majoring in Economics or students choosing a sequence of subjects in preparation for entry into a graduate program in economics, business administration, or industrial management should consult with a member of the department concerning selection of courses.

The courses in directed study for sophomores and the directed and independent study courses for juniors and seniors permit the student to pursue areas of interest under the guidance of members of the department in a wide range of economic and business subjects. At the junior and senior level, directed or independent study may be taken in fields such as cost accounting, taxation, investments, operations, research, mathematical economics, industrial history, public finance, or similar aspects of economics and business.

201F, S. THE AMERICAN ECONOMY

A survey of the growth and development of the American economic system. Historical factors, the rise of mass production, the development of corporate enterprise, and the position of the United States in the world economy. Open to non-majors. This course may not be taken for major credit after the student has taken Economics 211.

211F. PRINCIPLES OF ECONOMICS I

A fundamental course devoted to development and

application of the basic analytical tools and principles required for an understanding of major economic problems and policy alternatives available for their solution. Areas covered include an introduction to American capitalism, markets and prices, national income analysis, money and banking, and economic growth. Particular emphasis on macroeconomic analysis. The first course of a two-course sequence: Economics 211 and 212. No prerequisite.

212S. PRINCIPLES OF ECONOMICS II

A fundamental course devoted to development and application of the basic analytical tools and principles required for an understanding of major economic problems and policy alternatives available for their solution. Areas covered include the theory of prices and markets, government and the economy, and international economic relationships. Particular emphasis on microeconomic analysis. Prerequisite: Economics 211.

298W. DIRECTED STUDY FOR SOPHOMORES

301. STATISTICAL INFERENCE

Introduction to modern standard statistical methods utilized in economics. Sources and methods for collecting and organizing data. Probability distributions and analysis in economics and other fields. Measures of concentration and dispersion. Correlation methods. Sampling and experiment. Time series. Presentation and interpretation of results. Statistical systems. Prerequisite: Sophomore status.

303F, S. ECONOMIC ANALYSIS (Micro)

An elaboration of the basic principles of price theory as an analytic and predictive tool using graphic analysis and techniques; market price analysis, product pricing and output, and resource pricing and output. Prerequisite: Economics 212.

304S. ECONOMIC ANALYSIS (Macro)

An intensive analysis of the behavior and relationship of the broad aggregates of economic activity, such as national income, the price level, savings, investment, consumption, government expenditures, taxes, money,

and credit. Consideration is given to economic fluctuations and factors influencing economic growth. Prerequisite: Economics 212.

306. MONEY AND BANKING

A study of money and banking as prelude to consideration of alternative monetary theories and policies. Special attention to interrelationship of monetary, fiscal, and income policies in stabilization and development of U. S. economy. International aspects also examined. Prerequisite: Economics 211.

307F. INTERNATIONAL ECONOMIC RELATIONS

A study of principles of international trade and related commercial policies. Equivalent emphasis to balance of payments problems and methods of adjustment. World financial institutions and regional arrangements considered, with special reference to world-wide economic development. Prerequisite: Economic 211.

321. LABOR ECONOMICS

The labor force, trends in employment, problems of unemployment, wages and hours, labor unions, labor disputes and methods of settlement, and the theory and practice of collective bargaining. Prerequisite: Economics 211.

322F. LEGAL FACTORS IN BUSINESS ORGANIZATION

The basic principles of law as applied to business organizations, including contracts, agency, negotiable instruments, property, security for credit transactions. Prerequisite: Sophomore status.

323S. ECONOMICS AND THE LAW

An analysis of the major legal factors affecting economic life. Legal criteria involved in the general regulation of industry and trade by various levels of government. The development and structure of government participation in economic decisions. Prerequisite: Economics 322.

325F. ACCOUNTING IN THE BUSINESS FIRM

The theory, methods, and uses of accounting information in solving business problems. The development and role of accounting standards in economic and corporate decisions and behavior. Prerequisite: Sophomore status.

326S. FINANCIAL ANALYSIS AND ECONOMIC DECISIONS

A study of accounting reports in identifying issues, analysis of their courses, and applied solutions by use of accounting and economic data from management viewpoint. The effects of costs on prices, profits, revenues, asset values, capital asset decisions, and other financial policies are examined as to their impact on private business and the economy. Prerequisite: Economics 325.

327S. COMPARATIVE ECONOMIC SYSTEMS

The basic problems faced by all economic systems, and the special problems of authoritarian, competitive, and mixed economics. Prerequisite: Economics 211.

398. DIRECTED STUDY FOR JUNIORS

401F. MAJOR DISCIPLINE SEMINAR

Senior seminar covering various topics which serve to integrate major study in theoretical and applied economics. Prerequisite: Economics 303.

402S. MAJOR DISCIPLINE SEMINAR

Seminar for students majoring in economics, designed to provide seniors with intensive and extensive criteria in major aspects of theoretical and applied economics. One senior seminar is required of all students majoring in the economics field. Prerequisite: Economics 303.

499W. INDEPENDENT STUDY FOR SENIORS

EDUCATION

Wilson (*Head*), Cotanche, Critchfield, Glass, Janz, Norris

ELEMENTARY EDUCATION

The program for majors in Elementary Education includes the following:

School and Society (271)
Educational Psychology (272)

Curriculum Development (375)

Teaching of Reading and Language Arts (360)

Science for Elementary Schools (362)

Social Studies for Elementary Schools (363)

Health and Physical Education for Elementary Schools (364)

Art for Elementary Schools (365)

Music for Elementary Schools (366)

Mathematics for Elementary Schools (367)

Instructional Materials (461)

Curriculum Issues Seminar (479)

Student Teaching (491, 492)

Four courses (461, 479, 491, 492)

must be taken as a Block in the spring term of the senior year.

SECONDARY SCHOOL CERTIFICATION

The program for secondary school teacher certification includes a "teaching" subject area major plus the following:

School and Society (271)

Educational Psychology (272)

Curriculum Development (375)

Curriculum Issues Seminar (479)

Special Methods – Secondary (481)

Student Teaching (493, 494)

Four courses (479, 481, 493, 494)

must be taken as a Block in the spring term of the senior year.

Note: Education 271 and 272 are prerequisites for all 300- and 400-level Education courses.

271F. SCHOOL AND SOCIETY

An examination of sociological influences on educational theory and practice; the development of the School as an institution.

272F. EDUCATIONAL PSYCHOLOGY

Application of concepts of psychology to children and adolescents in school situations. Psychological analysis of the learning process and the interrelationships between the individual and his environment. An examination of influences upon motivation, perception, and behavior of teachers, students, and administrators.

360F. TEACHING OF READING AND LANGUAGE ARTS

Improvement of reading and language arts programs in the elementary school with techniques of developing reading, writing, listening, spelling, and speaking skills.

362F. SCIENCE FOR ELEMENTARY SCHOOLS

A study of the major concepts in science taught in the elementary school and the methods employed to achieve the objectives of elementary science. With cooperation and assistance of the National Aeronautics and Space Administration, special emphasis is placed on aerospace education and the incorporation of aerospace content in the elementary school science curriculum.

363F. SOCIAL STUDIES FOR ELEMENTARY SCHOOLS

Concepts from the social studies, and how they relate to the study of Man and his environment. Methods and materials for teaching in the elementary school.

364F. HEALTH AND PHYSICAL EDUCATION FOR ELEMENTARY SCHOOLS

Organizing and conducting physical education programs in elementary school; includes principles of health education.

365W. ART FOR ELEMENTARY SCHOOLS

Fundamental concepts of color and design and the process of teaching art in the elementary grades.

366F. MUSIC FOR ELEMENTARY SCHOOLS

Basic concepts, literature, and procedures relative to teaching music in the elementary grades.

367F. MATHEMATICS FOR ELEMENTARY SCHOOLS

Sets, number systems and operations, and the procedures for teaching mathematics to elementary school students.

375F. CURRICULUM DEVELOPMENT

Survey of current curriculum practices from kindergarten through high school and analysis of selected school systems. Includes application and evaluative techniques, school organization, and financial support.

461S. INSTRUCTIONAL MATERIALS

Selection, evaluation, and utilization of instructional materials. Among such materials are traditional and recent children's literature, maps, films, reference books, newspapers, television programs, and other audio-visual aids.

479S. CURRICULUM ISSUES SEMINAR

Seminars will be organized on important topics of interest to instructor and students. Designed for seniors who have completed student teaching.

481S. SPECIAL METHODS — SECONDARY

Selection, evaluation, and utilization of instructional materials. Planning of content and methods and techniques of teaching in a special field. Students must reserve three hours weekly for laboratory assignments.

491S, 492S. STUDENT TEACHING — ELEMENTARY

493S, 494S. STUDENT TEACHING — SECONDARY

Eight weeks of all-day experience in a local school classroom under the direction of a public school directing teacher. Experience includes weekly observation visits and/or conferences with the college coordinator.

ENGLISH

Folsom (*Head*), Cohen, Dorsett, Hamilton, Haylor, Klappert, Koontz, Mendell, Nordstrom, Pastore

Students majoring in English are required to complete the following courses and studies:

Old English, Middle English, and Early

Renaissance Literature (201)
 Major Writers of the Later Renaissance
 and Seventeenth Century (202)
 Shakespeare (317 or 318)
 18th Century (301 or 355)
 19th Century (332 or 333 or 356)
 20th Century (364 or 365 or 366)
 American Literature (303 or 304)
 Elective in American Literature
 Two Electives in English (from English
 courses and studies in literature and language
 above the 100-level)
 Independent Study
 Senior English Course

Of these courses English 201 and 202 should be taken in the sophomore year, and English 303 or 304 should be taken in the junior year. The others may be taken in the student's sophomore or junior year. The Senior Course and Independent Study are normally taken in the senior year.

101F, S. FRESHMAN RHETORIC AND COMPOSITION

The aim of this course is to inculcate habits of accurate reading, logical thinking, and clear, correct expression. Subject matter for both reading and writing is limited in the main to exposition. (Required of students who at entrance do not meet composition requirements.)

150F, S. INTRODUCTION TO LITERATURE

A critical study of short stories, short novels, plays, and poems that are representative of the various literary periods, past and present. (Freshmen only)

201F. OLD ENGLISH, MIDDLE ENGLISH, AND EARLY RENAISSANCE LITERATURE

Emphasis on *Beowulf*, *Sir Gawain*, Chaucer, Spenser, and Marlowe. Sophomore year.

202S. MAJOR WRITERS OF THE LATER RENAISSANCE AND SEVENTEENTH CENTURY

Emphasis on Shakespeare's *Sonnets*, Metaphysical poets, Milton, and writers of the Restoration. Sophomore year.

205F. THE ENGLISH LANGUAGE

Study of modern written and spoken language as affected by changes in pronunciation, forms, sentence structures, meanings, and idiom dictated by either convention or usage at all levels. No prerequisite; designed for both majors and non-majors; sophomores, juniors, seniors. Essential for future teachers of English at either elementary or secondary level.

281F, 282S. TYPES OF LITERATURE

Advanced study of fiction, drama, and poetry, selected from the literature of various countries and various periods. The genre presented in each course will be selected at the discretion of the instructor. Primarily for non-English majors.

290F, S. ADVANCED EXPOSITORY WRITING

The techniques of expository writing for the student wishing to improve his ability to organize and present material. Careful critical study of structure and style. Frequent essays and individual conferences. Sophomores and above.

301F. EIGHTEENTH CENTURY

English literature from Swift to Burns, with special emphasis on the beginnings of the Romantic Movement and the ideas that have shaped the thinking of modern times. Prerequisite: two courses in literature. Sophomore, junior, senior years.

303F, 304S. AMERICAN LITERATURE

A critical, historical study of the forms and ideas shaping — and produced by — major American authors. Fall: Hawthorne, Emerson, Thoreau, Poe, Melville, Whitman, Dickinson, Clemens. Spring: James, Crane, Fitzgerald, Robinson, Frost, Hemingway, Jeffers, Faulkner. Oral reports and analytical papers. Junior, senior years.

306, 307. SELECTED STUDIES IN AMERICAN LITERATURE

American literary studies, varied from year to year as to

authors, genres, or historical and cultural movements.

306F. SELECTED STUDIES IN AMERICAN LITERATURE

Stephen Crane: His Works, Contemporaries, Milieu

An in-depth study of the complete works of Crane, with emphasis upon the relationship of his fiction to that of the American realists and naturalists and the relationship of his poetry to that of Emily Dickinson. Also of major concern will be the relationship of Crane's literature to the American philosophy and art at the turn of the century. Sophomores and above (1970-71)

307S. SELECTED STUDIES IN AMERICAN LITERATURE

The Novel of Innocence and Initiation

A study of the problem of innocence and initiation as it is treated in various 19th- and 20th-century American novels. The works of Melville, Twain, James, Faulkner, Salinger, Bellow and others will be studied. Sophomores and above.

313F. SOUTHERN WRITERS

A study of selected Southern writers. Sophomore, junior, senior years.

317F, S; 318F, S. SHAKESPEARE

A study of the major plays. Both courses include comedies, tragedies, and histories. 317 covers the early plays; 318, the later. Sophomore, junior, senior years.

321F, 322F. WORLD LITERATURE

First term: literature of Ancient Greece and Rome, and Medieval Europe, with emphasis upon the classical tradition and Dante. Second term: Later Renaissance and Humanism, the Enlightenment, the Romantic period, and modern continental literature. Sophomore, junior, senior years.

332F. ROMANTIC PERIOD

A study of the literature and the leading ideas of the English Romantic Movement, with special emphasis on the poetry of Wordsworth, Coleridge, Byron, Keats and Shelley. Sophomore, junior, senior years.

333S. VICTORIAN POETRY AND ESSAY

A study of the literature of England from 1850 to 1900. Special attention is given to the leading ideas of the period and to the work of Carlyle, Tennyson, Browning, Ruskin, and Arnold. Sophomore, junior, senior years.

350S. LITERARY CRITICISM

A study of literary criticism and critical theory beginning with Plato and Aristotle. Junior, senior years.

351F, 352S. DEVELOPMENT OF THE DRAMA

A survey of important plays from the Greeks to the mid-nineteenth century. In English 351 Greek drama is emphasized; in English 352, English and French. Emphasis on dramatic principles as an aid to enjoying the theatre. Sophomore, junior, senior years.

355F, 356S. ENGLISH NOVEL

The development of the novel in England into a major literary medium interpreting man's experience in life, both as an individual and as a member of human society. Fall — Fielding, Smollett, Sterne, Austen, Scott; Spring — Dickens, Thackeray, Trollope, Meredith, Hardy. Sophomore, junior, senior years.

363S. TWENTIETH-CENTURY DRAMA: EUROPEAN

From Ibsen to Ionesco, including Strindberg, Chekhov, Rostand, Lorca, Pirandello, and others. Sophomore, junior, senior years.

364F. TWENTIETH-CENTURY DRAMA: BRITISH AND AMERICAN

From Shaw to Arthur Miller, including Wilde, Galsworthy, Barrie, Coward, Fry, Synge, O'Casey, O'Neill, Maxwell Anderson, Thornton Wilder, Tennessee Williams, and others. Sophomore, junior, senior years.

365F, S. THE TWENTIETH-CENTURY ENGLISH AND AMERICAN NOVEL

A study of twentieth-century English and American fiction with detailed analyses of novels and the writing of critical papers. Sophomore, junior, senior years.

366S. TWENTIETH-CENTURY BRITISH AND AMERICAN POETRY

A study of British and American poets of the twentieth century, with emphasis upon the major poets. Sophomore, junior, senior years.

367, 368, 369. CREATIVE WRITING

A course in creative writing, conducted on the workshop plan. Weekly reading and criticism of manuscripts that are written outside of class. Sophomore, junior, senior years. Consent of instructor required. (Courses in Creative Writing count for credit outside of the English major.)

381S. MODERN EUROPEAN NOVEL

A study of the development of the contemporary fiction in Europe. Representative authors from Flaubert to Robbe-Grillet, including Silone, Kafka, Camus, and others. Sophomore, junior, senior years.

481F. SENIOR ENGLISH COURSE

A study of critical approaches to literature, including the psychological, formalistic, historical, linguistic, and bibliographical.

DIRECTED STUDY (sophomore, junior years)

290W. ADVANCED EXPOSITORY WRITING

294W. THEMES IN WORLD DRAMA

296W. GREEK EPIC AND DRAMA (overseas study)

390W. ROBERT FROST

391W. HEMINGWAY

392W. JANE AUSTEN

395W. FAULKNER

397W. AFRO-AMERICAN LITERATURE

Other Directed Studies will be offered as needed.

INDEPENDENT STUDY

499W. Project with department approval. Senior year; junior, with permission.

ENVIRONMENTAL STUDIES

The Environmental Studies major will deal with man and his environment. The specific requirements for the major and the courses to be available in the 1970-71 academic year will be finalized during the preceding summer months. Information for registration will be available prior to the beginning of the 1970-71 fall term.

EXPRESSIVE ARTS

The Expressive Arts major is an integrated arts curriculum offered by the art, music and theatre arts departments. The major is an addition to the existing departmental majors in these fields.

The joint offerings provided by this program should be of interest to students who desire a more comprehensive study of the arts than is normally possible within departmental majors.

While the courses which make up the Expressive Arts major will tend to emphasize history and theory rather than applied work, it is the belief of the participating departments that students working in the program will achieve more meaningful insights if they are required to attain a certain level of competence in the practice of one of the arts.

Each student taking this major will select one of the areas, theatre, music, or art, for emphasis and will complete a required number of hours in applied work in that field in addition to the history and theory requirements in each of the three areas.

*FOREIGN LANGUAGES (FRENCH,
GERMAN, RUSSIAN, SPANISH)*

Sedwick (*Head*), Bonnell, Borsoi, Lancaster,
Miller, Stadt, Terrett, Zilius

The department serves the needs of those who wish to achieve a knowledge of a given language, its literature, and its culture, or — on a more advanced level — those who plan to teach, who anticipate graduate study and research, or who are preparing to use the language as an important second skill in various professional fields.

A student may major in one language (French, German, or Spanish) by completing 12 courses on the 200-, 300-, and 400-level in that language, plus two years, or their equivalent, of any second foreign language; or he may have a Combined Language Major defined as at least 7 of the above courses in any one language and 5 courses in any second language, including Russian.

PLACEMENT OF FRESHMEN: Incoming freshmen are expected to have taken the Language Achievement Test of the CEEB (see Requirements, Foreign Language, page 63). A student who scores above 550 in this examination has met the Rollins language requirement and, if he wishes further study in the same language, is eligible for 300-numbered courses. (Also see Admission with Advanced Standing, page 37). Student who score lower than 550 are placed at the discretion of the department; in general, students with scores between 440 and 549 are placed in the 201 course, the completion of which fulfills the Rollins language requirement. A student who scores lower than 440 is advised either to begin the language again

(101, 102) as an auditor (no credit) before he attempts the 201 course, or to undertake a fresh start in a new language for full credit.

FRENCH

101F, 102S. **ELEMENTARY FRENCH**

Grammar, readings, cultural material, maximum of oral practice, laboratory.

201F, S. **INTERMEDIATE FRENCH**

An intensive one-term course. Reading, writing, speaking, grammar review, laboratory work. Prerequisite: French 102 or equivalent. One section of French 201 is taught in the winter term in Fort-de-France, Martinique. See section on Study Abroad on page 35.

311F, 312S. **SURVEY OF FRENCH LITERATURE**

A panoramic view of French literature from the earliest times to the present. Required of French majors as a prerequisite to all 400-numbered French literature courses. Prerequisite: French 201 or score of 550 in the Language Achievement Test of the CEEB.

321S. **ADVANCED COMPOSITION AND CONVERSATION**

Required of French majors. Prerequisite: French 201 or score of 550 in the Language Achievement Test of the CEEB.

401F or S. **EIGHTEENTH-CENTURY LITERATURE**

Prerequisite: French 311, 312.

405F or S. **NINETEENTH-CENTURY LITERATURE**

Prerequisite: French 311, 312.

409F or S. **TWENTIETH-CENTURY LITERATURE**

Prerequisite: French 311, 312.

413S. **SEMINAR**

Advanced study of literary or linguistic topics of special interest or importance. Prerequisite: French 311, 312, and consent of instructor.

421F or S. **SEVENTEENTH-CENTURY LITERATURE**

Prerequisite: French 311, 312.

431. FRENCH CIVILIZATION

A cultural course relating French art, music, history, literature, and customs into a meaningful analysis of the contemporary French society. No prerequisite. Offered only in the Rollins summer program in France.

GERMAN

101F, 102S. ELEMENTARY GERMAN

Grammar, readings, cultural material, maximum of oral practice, laboratory.

201F. INTERMEDIATE GERMAN

An intensive one-term course. Reading, writing, speaking, grammar review, laboratory work. Prerequisite: German 102 or equivalent.

301F, 302S. SURVEY OF GERMAN LITERATURE

A panoramic view of German literature from the earliest times to the present. Required of German majors as a prerequisite to all 400-numbered German literature courses. Prerequisite: German 201 or score of 550 in the Language Achievement Test of the CEEB.

321S. ADVANCED COMPOSITION AND CONVERSATION

Required of German majors. Prerequisite: German 201 or score of 550 in the Language Achievement Test of the CEEB.

401S. EIGHTEENTH AND NINETEENTH CENTURY LITERATURE

Vorklassik, Hochklassik, Romantik. Prerequisite: German 301, 302.

404S. LATE NINETEENTH AND TWENTIETH CENTURY LITERATURE

Realism, naturalism, and modern. Prerequisite: German 301, 302.

413S. SEMINAR

Advanced study of literary or linguistic topics of special interest or importance. Prerequisite: German 301, 302, and consent of instructor.

RUSSIAN

101F, 102S. ELEMENTARY RUSSIAN

Grammar, readings, cultural material, maximum of oral practice, laboratory.

201F. INTERMEDIATE RUSSIAN

An intensive one-term course. Reading, writing, speaking, grammar review, laboratory work. Prerequisite: Russian 102 or equivalent.

301F, 302S. INTRODUCTION TO RUSSIAN LITERATURE AND CULTURE

Masterworks of Russian literature in English translation. No knowledge of Russian required. No prerequisite, except not open to freshmen.

321S. ADVANCED COMPOSITION AND CONVERSATION

Prerequisite: Russian 201 and consent of instructor, or score of 550 in the Language Achievement Test of the CEEB.

331F, 332S. SURVEY OF RUSSIAN LITERATURE

(Not offered 1970-71)

SPANISH

101F, 102S. ELEMENTARY SPANISH

Grammar, reading, cultural material, maximum of oral practice, laboratory.

201F, S. INTERMEDIATE SPANISH

An intensive one-term course. Reading, writing, speaking, grammar review, laboratory work. Prerequisite: Spanish 102 or equivalent.

321S. ADVANCED COMPOSITION AND CONVERSATION

Required of Spanish majors. Prerequisite: Spanish 201 or score of 550 in the Language Achievement Test of the CEEB.

331F, 332S. SURVEY OF THE LITERATURE OF SPAIN

A panoramic view of Spanish literature from the earliest

times to the present. Required of Spanish majors as a prerequisite to all 400-numbered Spanish literature courses. Prerequisite: Spanish 201 or score of 550 in the Language Achievement Test of the CEEB.

341F, 342S. SURVEY OF SPANISH-AMERICAN LITERATURE

A panoramic view of Spanish-American literature from the earliest times to the present. Prerequisite: Spanish 201 or score of 550 in the Language Achievement Test of the CEEB.

401F. GOLDEN-AGE DRAMA

Sixteenth- and seventeenth-century drama in Spain. Prerequisite: Spanish 331, 332.

403F. DON QUIJOTE

Conducted in English in order to accommodate non-Spanish students, who may read *Don Quijote* in translation and who are exempt from the Spanish prerequisite for this course. Prerequisite for Spanish majors: Spanish 331, 332.

405F or S. NINETEENTH-CENTURY LITERATURE OF SPAIN

Prerequisite: Spanish 331, 332.

409F or S. TWENTIETH-CENTURY LITERATURE OF SPAIN

Prerequisite: Spanish 331, 332.

413S. SEMINAR

Advanced study of literary or linguistic topics of special interest or importance. Prerequisite: Spanish 331, 332, and consent of instructor.

431. SPANISH CIVILIZATION

A cultural course relating Spanish art, music, history, literature, and customs into a meaningful analysis of the contemporary Spanish society. No prerequisite. Offered only in the Rollins summer program in Spain.

ALL LANGUAGES, W.

198. Directed Study for freshmen.

298. Directed Study for sophomores.

398. Directed Study for juniors.

(By permission, particularly well-prepared juniors may be allowed to undertake Independent Study.)

499. Independent Study for seniors.

ALL LANGUAGES, Fall term only, required of all language majors in their senior year:

451. FUNDAMENTALS OF LANGUAGE ANALYSIS

The aim of the course is to acquaint the student with the basic concepts and general features found in human language and to relate this knowledge to his major language. Emphasis is on the principles of phonology, morphology, syntax, with briefer treatment of historical linguistics and methods of analysis. The class is given in English, with illustrative material taken from other languages, especially Romance and Germanic. The student is required to apply the concepts presented by dealing with a specific grammatical topic in his major language.

ROLLINS SEMESTER IN COLOMBIA AT THE UNIVERSIDAD DE LOS ANDES, BOGOTA, annually, January 27 to May 27. B average in Spanish required for enrollment. See description of the program under Study Abroad (page 34).

ROLLINS SUMMER PROGRAM IN MADRID, annually, June 21 to August 8. C average required for enrollment. The student may register for one or two courses chosen from the following, which are offered each summer: Spanish 201, 321, 332, 413, and 431. See description of the program under Study Abroad (page 35).

ROLLINS SUMMER PROGRAM IN FRANCE, annually, June 21 to August 8. C average required for enrollment. The student may register for one or two courses chosen from the following, which are offered each summer: French 201, 312, 321, 413, and 431. See description of the program under Study Abroad (page 35).

JUNIOR OR SOPHOMORE YEAR IN GERMANY, SWITZERLAND, OR SPAIN, sponsored annually by the Associated Mid-Florida Colleges. See description of the program under Study Abroad (page 35).

HISTORY AND PUBLIC AFFAIRS

Lane (*Head*), Douglass, Edmondson, Hicks, Levis, Sheldon, R. M. Smith, Summers

MAJOR REQUIREMENTS

History and Public Affairs majors must satisfy the following requirements:

Principles of Government (101)

History of Western Civilization (113 or 114)

History of the United States (242, 243)

(With the consent of the adviser, students with sufficient preparation in these introductory courses may waive these requirements. Such preparation would normally include high school advanced courses in government or in either American or European history.)

Three courses in Area of Concentration

Three courses in the department outside Area of Concentration

Senior Departmental Course

Senior Independent Study

AREA OF CONCENTRATION

Each History and Public Affairs major should consult with his adviser concerning the selection of an Area of Concentration and the proper sequence to follow. The choices available are American history, European history, and political science.

* *Indicates course is offered in alternate years.*

101F. PRINCIPLES OF GOVERNMENT

An introduction to the nature of the state and the behavior of political man with emphasis on responsible citizenship; approached through the study of classics from Plato to contemporary behaviorists. Value systems as articulated through the political process. Emphasis on principles and concepts. Prerequisite for future students in government.

113F, 114S. HISTORY OF WESTERN CIVILIZATION

An introduction to the political, intellectual, social, economic, and religious history of Europe from the Renaissance to the present. 113F covers 1500-1815; 114S, 1815-present.

198W. DIRECTED STUDY

205. MAJOR ISSUES OF OUR TIMES

A forum for the development of informed attitudes and responsibilities, approached through a discussion of contemporary problems selected to encourage ongoing citizen concern. Distinguished lecturers; readings in mass media; writing of a journal; pro and con memorandums; position papers.

* 208S. ANCIENT HISTORY

A survey of the ancient world from prehistoric times through the middle of the fifth century with emphasis on Greece and Rome.

* 209S. MEDIEVAL HISTORY

An introduction to medieval Europe from the fifth to the fifteenth century with special emphasis on social, political, and religious developments.

225F, 226S, 227S. HISTORY OF ENGLAND AND THE EMPIRE-COMMONWEALTH

225F: Constitutional and political development of England from Norman times to the Stuart Period. 226S: Constitutional and political development of England during the Hanoverian Period. 227S: History of Modern England and the evolution of the Empire and Commonwealth from the Hanoverian Period to the present. Prerequisite: 113, 114 or consent of instructor.

**241S, 242F, 243S. HISTORY OF THE UNITED STATES
FROM 1789 TO THE PRESENT**

A study of political, social, and economic development from the founding of the Republic to the present.

247S. AMERICAN NATIONAL GOVERNMENT

Study of the Constitutional structure and operational pattern of the federal system with emphasis on political behavior.

337F, 338F, 339S. COMPARATIVE GOVERNMENT

337F: Study of representative types of political institutions in major national states. Prerequisite: Political Science 101. 338F: Survey of the government party structure and politics of the Soviet Union and Eastern European Communist Bloc countries with emphasis on the continuing processes of change. 339S: Survey of the government party structure and politics of the People's Republic of China, North Korea, and North Vietnam with emphasis on the continuing processes of change.

*** 344F. AMERICAN SOCIAL AND INTELLECTUAL
HISTORY**

An examination of the major American philosophies, political and social theories, religious and literary movements, and scientific achievements since the foundation of the Republic. Emphasis will be placed on diverse readings, thoughtful essays, and student discussion on such topics as: Transcendentalism, pragmatism, the intellectual response to urbanization and industrialism, and other related topics. Prerequisite: 242, 243 or consent of instructor.

348S. STATE AND LOCAL GOVERNMENT

Study of the structure and operational patterns of state, county, and municipal government with emphasis on effective citizen participation. Special attention to evolving regional and intergovernmental relationships.

*** 354F, 355S. HISTORY OF RUSSIA**

354F deals with the period of Imperial Russia; 355 deals with the U.S.S.R. Prerequisite: 113, 114 or consent of instructor.

356S. THE DEVELOPING NATIONS

A study of the politics, economy, and social conditions in the emerging nations and the interrelations between Asia, Africa, and Latin-America.

357F. INTERNATIONAL ORGANIZATIONS

Practical and institutional arrangements among sovereign states for carrying out their national interests, for the pursuit of welfare, and for national security. Attention to regional arrangements, functional agencies, and the United Nations. Prerequisite: Government 101.

358S. INTERNATIONAL LAW

The rights, obligations, and relationships of national states in their intercourse with one another. Prerequisite: Government 357 or consent of instructor.

359F, 360S. SPAIN AND THE SPANISH EMPIRE

359F: The historical evolution of Spain and the Empire to 1700. 360S: A study of the developments from 1700 to the present. Prerequisite: 113, 114 or consent of instructor.

*** 361, 362. AMERICAN FOREIGN RELATIONS**

361 deals with American foreign relations to 1898; 362, after 1898. Prerequisite: 241, 243 or consent of instructor.

371F. THE SIXTEENTH CENTURY

An intensive study of the political, economic, cultural, and intellectual aspects of the sixteenth century.

***375F, 377S. URBAN REGIONAL DEVELOPMENT**

The City in Crisis. The demographic, environmental, and political patterns of metropolitan growth with special attention to public opinion, public services, and legislation. Collaboration with the East Central Florida Regional Planning Council. Prerequisite: Government 101 or consent of instructor.

**381F, 382S, 388S. MODERN EUROPEAN HISTORY
SINCE 1815**

The first term concentrates on the reactionary and revolutionary activities to 1870. The second term concentrates on nationalist and imperialist tendencies to

1919. The third term stresses World War II, the Cold War, and efforts to maintain collective security.

385S. POLITICAL THEORY

Study of representative thinkers from Greece to contemporary behavioralists with attention to conflict involved in the authoritative allocation of values.

399W, 499. INDEPENDENT STUDY

405F. PUBLIC ADMINISTRATION

A study of management in large-scale organization with emphasis on careers in federal, state, and local government.

* 421S. SOCIETY AND IDEAS IN AMERICA'S GILDED AGE

A reappraisal of the social and intellectual aspects of the nation's "watershed" phase.

* 430S. THE GREAT DEPRESSION AND THE NEW DEAL, 1919-1940

After an introductory study of the Republican ascendancy, this course focuses on the impending economic crisis and the subsequent New Deal reform movement. Emphasis is given to the continuing interpretation of Roosevelt and the New Deal through reading, class discussions, and written projects. Open to junior and senior History majors or by special permission of instructor. Prerequisite: 243 or consent of instructor.

* 432F. WAR IN MODERN SOCIETY

Concerned with war as a major force in modern history, with emphasis on its influence on social, economic, and political conditions, concepts and theories of war, and the origin and development of the military profession. Open to junior and senior History majors. Prerequisite: 114 and 243 or consent of instructor.

* 433. AGE OF JEFFERSON AND JACKSON

An extensive examination of the social, political, and economic developments in the United States during the period 1800-1860. Prerequisite: 242 or consent of instructor.

* 434S. CIVIL WAR AND RECONSTRUCTION

An extensive examination of the social, political, and economic developments in the United States during the period 1860-1877. Prerequisite: 242 or consent of instructor.

* 435. MODERN FRANCE

An interpretive study of French social, political, and intellectual development from early modern times to the present. Prerequisite: 114 or consent of instructor.

* 460. PUBLIC OPINION

A study of the nature, development, and control of opinion in contemporary society; a study of methods of communication and techniques of persuasion.

461. CONTEMPORARY ASIA

History of the Far East since the opening of the Trans-Siberian Railroad. Geographical, religious, cultural, demographic, economic, and political factors to colonialism, independence, communist penetration, and the involvement of the United States.

490S, W. SENIOR DEPARTMENTAL COURSE

Given in two sections: (1) Historiography and (2) Methods.

LATIN AMERICAN STUDIES

Valdés (*Coordinator*), Mitchell

Students planning to major in either Latin American Studies or in the combined major of Latin American Studies and Spanish must select Spanish to fulfill the general college requirement for foreign language.

The major in Latin American Studies includes courses in anthropology, economics, history, literature, political science, and sociology, and related courses.

Students interested in a combined major of Latin American Studies and Spanish must take

approximately eight courses in each field. Since this is not a straight Spanish major, the requirement of another language is waived, the Latin American Studies taking its place.

Students electing the Latin American Studies major must take, in addition to the introductory course, The Latin Americans (211F, 212S), ten courses selected from those listed below, or in consultation with the Coordinator of the program, courses in the field given by other departments.

Students majoring in other departments who wish to supplement their major with related work in Latin American Studies are invited to discuss their program with the Coordinator of Latin American Studies and with their major adviser.

211F, 212S. THE LATIN AMERICANS

A survey of the geographic, economic, social, racial and ethnic, ideological, and political factors which condition the destinies and potential of the peoples of Latin America. This course is a prerequisite for any 300-level course in this department.

233F, 234S. REPUBLICS OF LATIN AMERICA

Interdisciplinary study in depth of selected individual countries in Latin America.

298W, 398W. DIRECTED STUDY

303F, 304S. PROBLEMS AND PROSPECTS OF LATIN AMERICA

A topical survey of socio-economic and political problems related to the implementation of programs to bring about effective and rational resource utilization, and higher levels of living in Latin America. Prerequisite: Latin American Studies 211, 212; open also to non-major upperclassmen by consent of instructor.

311W. THE UNITED STATES AND LATIN AMERICA

A study of the development of the Latin American

policy of the United States and of inter-American problems. Admission by consent of instructor.

321F, 322S. LATIN AMERICA IN WORLD PERSPECTIVE

The study of the impact of Europe, Asia, and Africa upon Latin America and the specific economic, cultural, psychological, and political problems in the international relations of Latin America.

332F, 333S. HISTORY OF LATIN AMERICA

In the fall term, a survey of Spanish and Portuguese colonial systems and institutions with emphasis on long-term influences of this period. The spring term offers a study of the growth of the Latin American Republics from the wars of independence to the present. Open as an elective to all upperclass students.

399W, 499W. INDEPENDENT STUDY

492. SENIOR SEMINAR IN LATIN AMERICAN STUDIES

RESEARCH PROJECTS ON LATIN AMERICAN TOPICS
(In various departments; in winter term)

INTERNATIONAL ECONOMIC RELATIONS
(with emphasis on Latin America)
(see Economics 307; prerequisite: Economics 211)

SURVEY OF SPANISH-AMERICAN LITERATURE
(See Spanish 341, 342)

MATHEMATICS

Bowers (*Head*), Naleway, Roth, Skidmore, Wolfe

A student majoring in Mathematics will take Mathematics 111, 112, three 200-level courses including 211, three 300-level courses including 311 and either 321 or 322, two 400-level courses including 411, one directed study in mathematics and one independent study in mathematics in order to satisfy the 12-course

minimum major requirement.

Highly recommended courses are: Mechanics (Physics 308), Mathematical Physics (Physics 307), and Mathematical Logic (Philosophy 345).

A student interested in secondary school teaching should include Mathematics 220 and both 321 and 322 in his program. Those interested in computer science should elect Mathematics 240. If graduate school is contemplated, the student should schedule as many upper-level mathematics courses as possible and should obtain a reading knowledge of German, French or Russian.

100F. ELEMENTARY FUNCTIONS

Functions and their graphs, polynomials and rational functions, inverse functions; coordinate geometry; exponential, logarithmic, and trigonometric functions; curve sketching. Problem session required.

111F, S. INTRODUCTORY CALCULUS

Slopes, derivatives of elementary functions, extremal problems, curve sketching; areas and integrals, techniques of integration. Problem session required. Prerequisite: Mathematics 100 or satisfactory score on departmental test.

112F, S. CALCULUS WITH LINEAR ALGEBRA

Techniques of integration and differentiation; simple techniques for solving some differential equations; improper integration, infinite series, power series. Systems of homogeneous and non-homogeneous linear equations, Gaussian elimination using matrices, introduction to vector spaces. Problem session required. Prerequisite: Mathematics 111.

120S. STATISTICAL METHODS

For the non-mathematics major. An introduction to methods of statistical analysis. Machine computation methods for finding best fit to linear, power, and exponential curves; sampling and hypothesis testing.

198W. DIRECTED STUDY

Topics selected from set theory, groups, number theory, geometry, foundations, history. Prerequisite: Consent of instructor.

211F. MULTIVARIABLE CALCULUS

Vectors, functions of several variables and their graphical representations, partial derivatives, directional derivatives; multiple integration; cylindrical and spherical coordinates. Prerequisite: Mathematics 112.

212S. ORDINARY DIFFERENTIAL EQUATIONS

Theory of linear differential equations, series solutions, systems of linear differential equations, introduction to boundary value problems and eigenvalues. Prerequisite: Mathematics 211.

220F. MATHEMATICAL STATISTICS

Elementary set theoretic approach to probability; basic ideas of distributions and expectations. Theories on hypothesis testing, regression and correlation; sampling theory, estimation and Bayesian methods. Prerequisite: Mathematics 111.

230S. GEOMETRY

Plane Euclidean geometry from a modern viewpoint. Lines and planes; distance and betweenness; angles, similarity, congruence, parallel postulate and alternatives; circles and constructions with ruler and compass.

240S. NUMERICAL ANALYSIS

Flow charting, 1620 Fortran; numerical techniques in interpolation, integration, algebraic and differential equations, matrix inversion and curve fitting. Prerequisite or corequisite: Mathematics 212.

298W. DIRECTED STUDY

Topics selected from set theory, groups, number theory, geometry, foundations, history. Prerequisite: Consent of instructor.

311F. ADVANCED MULTIVARIABLE CALCULUS

Transformations, the differential as a matrix, Jacobean, implicit functions; vector analysis; differential forms interpretation; Green's, divergence, and Stokes' theo-

rems. Prerequisite: Mathematics 211.

312S. FOURIER METHODS

Function spaces with inner product, orthogonal bases, Gram-Schmidt process, Schwarz and Bessel inequalities; general Fourier series with emphasis on $\exp(ix)$ and trigonometric case, application to boundary value problems; Fourier integral with applications. Prerequisite: Mathematics 311 and 321 or consent of instructor.

321F. LINEAR ALGEBRA

Linear mappings, change of basis, representation by matrices, similar matrices; relation between linear mappings and systems of linear equations; inner product and norms; determinants; quadratic forms, Cayley-Hamilton theorem. Prerequisite: Mathematics 211.

322S. ALGEBRA STRUCTURES

Number systems, groups, rings, unique factorization domains, fields. Prerequisite: at least two 200-level mathematics courses.

398W. DIRECTED STUDY

Topics selected from differential equations, function spaces, probability and statistics, model theory, and other advanced topics in mathematics. Prerequisite: Consent of instructor.

411F. REAL ANALYSIS

Real number system, metric spaces, Euclidean spaces, uniform continuity, integration theory, uniform convergence. Required of seniors. Prerequisite: Mathematics 211.

412S. COMPLEX ANALYSIS

Cauchy-Riemann equations, analytic functions, complex series and integrals, conformal mapping. Prerequisite: Mathematics 311.

430F. TOPOLOGY

Metric spaces, topological spaces, connectedness, compactness. Prerequisite: Mathematics 322 or consent of instructor. Offered in alternate years.

440S. APPLIED MATHEMATICS

Methods of mathematical physics. Prerequisite: Mathematics 312. Offered in alternate years.

499W. INDEPENDENT STUDY

Advanced topics in mathematics.

MUSIC

Rosazza (*Head*), Anderson, Brockman, Carlo, Carter, Gallo, Woodbury

Students anticipating a major in Music are expected to indicate this choice on applying to the College.

The requirements for entrance and graduation as set forth in this catalog are in accordance with the regulations of the National Association of Schools of Music in which the department holds full membership.

A major performance area is required of each music major and may be selected from the following: piano, organ, voice, strings, woodwinds, brasses, or percussion. The student receives two private lessons a week in his chosen field of applied music during the full four years. Examination of technical and musical progress will be given at the end of the first and third terms of each year. *A student concentrating in composition may substitute advanced work in this field in lieu of applied music during the third and fourth year.*

Music majors will study theory and history of music in synthesized courses aimed to produce comprehensive musicians. A total of 14 courses are required for graduation.

Piano as a secondary instrument is required without credit; degree of achievement is subject to departmental satisfaction.

Music majors will participate in public recitals and are required to attend all concerts at the College as well as designated performances off-campus. Satisfactory participation in music ensembles is required during each term of the student's residence in the College.

Each student applying for admission as a Music major must have an audition or submit a tape recording of his work to be eligible for acceptance by the music department. This should be done before March 1. In September an examination in the rudiments of music will be given entering students for placement purposes. Non-credit study in basic theory will be required of entering students unable to meet minimum entrance requirements.

ENTRANCE REQUIREMENTS IN APPLIED MUSIC

To enter the four year degree course *with applied concentration in:*

ORGAN: The student should have completed sufficient piano study to enable him to perform some of the Bach Inventions and the easier Mozart, Haydn, and Beethoven Sonatas. The student will also be asked to play one of the major and minor scales in a moderate tempo.

PIANO: The student should be prepared to play the major and minor scales and arpeggios in all keys and to read at sight simple piano literature. In addition, the student must play three compo-

sitions chosen from the following list:

1. A Two-part Invention of Bach.
2. One of the easier Sonatas of Haydn, Mozart, or Beethoven.
3. A Nocturne of Chopin or one of the Fantasy Pieces of Schumann.

STRINGS: (Violin, Viola, Cello)

The student must demonstrate an adequate technical foundation based on scales and études, and perform a Concerto by Vivaldi, a Sonata by Tartini, or an equivalent work of this school.

VOICE:

The student should be able to sing with musical intelligence standard songs in English. He should also demonstrate his ability to read a simple song at sight.

WOODWINDS, BRASS, PERCUSSION:

The student of a woodwind or brass instrument must be able to play major, minor, and chromatic scales with various articulations at a moderate tempo, and perform études, technical studies, and a solo of medium difficulty from his instrument's standard repertory. In addition, the student is expected to be able to sight-read passages of medium difficulty. The prospective percussion student should have an excellent snare drum technique and a basic familiarity with the tympani and mallet instruments.

GRADUATION REQUIREMENTS

In order to graduate the student must:

ORGAN:

Study the principles of organ technique and interpretation through the performance of works selected from all periods of composition. Basic requirements of service playing will be included.

PIANO:

Perform several of the major keyboard works of Bach and Beethoven, shorter pieces by Brahms, Chopin, Schumann, and Debussy; examples of contemporary music, including works by American composers. The student is expected to read at sight with reasonable accuracy and fluency.

STRINGS: (Violin)

Perform satisfactorily scales and arpeggios in three octaves; studies by Kreutzer and Fiorillo; standard concerti and sonatas by Bach, Handel, Mozart, and Viotti; shorter representative pieces (first two years) and (in the third and fourth years) studies equal in difficulty to those of Rode and Paganini; Bach sonatas for violin alone; advanced concerti and sonatas from the classic, romantic, and modern repertoire. (N.B. — Those majoring in Viola and Cello will pursue a comparable program of study).

VOICE:

Exhibit command of breathing, phrasing, and musical style and sing satisfactorily works from the standard repertoire, as well as oratorio and opera arias, and contemporary art songs. Voice majors must complete satisfactorily two foreign language requirements: that of the general college, and at least two terms of a second language.

COMPOSITION:

Show unusual aptitude in theoretical courses

and possess marked creative ability (first two years); in third and fourth years he must be able to compose in the larger forms of the sonata, fugue, etc., as well as in lyric forms of the song and the instrumental piece.

WOODWIND, BRASS AND PERCUSSION INSTRUMENTS:

Perform a major concerto and demonstrate the ability to play satisfactorily all of the standard orchestral repertory for his instrument.

MUSIC EDUCATION:

In order to meet state requirements to teach music in the public schools a Music major must complete satisfactorily specific courses in education, including student teaching, along with special methods and independent study in appropriate areas of the music education field. In the graduate division a Master of Arts in Teaching degree with concentration in music is also available.

COURSES FOR MUSIC MAJORS ONLY

(subject to change)

101F, 102S. MATERIALS, STRUCTURE, AND STYLES I

A course focusing on the theoretical aspects of music with emphasis on structural analysis within the context of historical styles.

105F, 106S. LITERATURE AND PERFORMANCE I

Private study of a major instrument or voice, incorporating research in the literature of the medium. Performance is required in ensembles and recitals.

201F, 202S. MATERIALS, STRUCTURE, AND STYLES II

A continuation of Music 101-102.

205F, 206S. LITERATURE AND PERFORMANCE II

A continuation of Music 105-106.

301F, 302S. HISTORY OF WESTERN MUSIC

305F, 306S. LITERATURE AND PERFORMANCE III

401F, 402S. SENIOR SEMINAR

A course approaching the comprehensive study of music literature by genre. A Collegium Musicum will be organized and presented by students under the direction of the faculty of the Department of Music.

405F, 406S. LITERATURE AND PERFORMANCE IV

COURSES FOR ALL STUDENTS

130W. TWO CHORAL MASTERPIECES FROM THE BAROQUE ERA

Messiah by G. F. Handel (1771)

The Passion According to Saint Matthew by J. S. Bach (1722)

A course concerned with the historical, esthetic and musical study of two great works of art. Previous music study not required.

131W. OPERA AS SOCIAL PROTEST

The study of opera as an art form, with special emphasis on those operas which have served as media of social protest (*Fidelio*, *The Marriage of Figaro*, *La Traviata*). Fee for attendance at off-campus opera performances: \$15.00.

132W. IMPRESSIONISM

An exploration of the growth of Impressionism in Music, as related to the French Impressionist school of Painting and the French Symbolist poets. Concentrated listening to the music of Debussy and Ravel.

150W. OPERA IN VIENNA

Students enrolling in this course will attend at least 12 performances of opera in Vienna, Austria, with daily

seminars to discuss the various components of each opera within the context of its historical and musical significance. The course will also include tours highlighting Vienna's cultural history.

310F, S. MUSIC THEORY FOR THE GENERAL STUDENT

A course designed to introduce the student to the melodic, harmonic and structural elements of music with emphasis on their application to intelligent listening. Not open to music majors.

311F. MUSIC IN THE RENAISSANCE AND REFORMATION

A course intended to correlate the development of music with social, political and cultural aspects of the general history of this era. (Interdisciplinary)

312F. MUSIC IN VIENNA FROM 1750 TO 1828

Representative works of Haydn, Mozart, and Beethoven as they bear on the political and social events of the time. (Interdisciplinary)

313F. MUSIC OF NATIONALIST RUSSIA

A study of the development of Russian music from 1850 to the October Revolution of 1917. Music of Tchaikovsky, Mussorgsky, Borodin, Scriabin, Rachmaninoff, and Prokofiev will be considered as a manifestation of social forces and cultural climate. Novels of Turgenev, Dostoevski, and Tolstoi, in addition to selected plays by Tchekhov, will be assigned. (Interdisciplinary)

314S. TWENTIETH-CENTURY MUSIC

An introductory study of the significant developments of music since 1900 with special attention given to parallel movements in art. (Interdisciplinary)

315S. HISTORY OF MUSIC IN AMERICA

A survey of the music and musical life in America from 1620 to the present, emphasizing historical and sociological influences on musical trends. (Interdisciplinary)

316W. MUSIC OF THE ROMANTIC ERA

A comprehensive course relating the 19th century composers such as Beethoven, Schumann, Chopin, Berlioz, and Tchaikovsky to the cultural climate of

central Europe in this era. Concentrated listening will be emphasized.

317. INTRODUCTION TO FOLKSONG STYLE

A stylistic study of Anglo-American folksong with respect to (1) the cycle of oral transmission and composition; (2) the form, style, and organization of the text; and (3) the musical style from the melodic, rhythmic, and formal aspects. Laboratory work to involve performing and/or aurally analyzing folk songs.

318. ASPECTS OF AMERICAN POPULAR MUSIC FROM 1900 TO THE PRESENT

A survey of the principle stylistic movements in American popular music since 1900, in which attention is given the cultural as well as the musical background of each movement. Because of its importance, the role of Negro influence upon American popular music will be stressed. A term paper dealing with one specific movement will be required.

319. SURVEY OF THE FOLK AND TRADITIONAL MUSIC OF EUROPE, NEGRO-AFRICA, AND THE AMERICAS

Following a general introduction dealing with the structural and cultural aspects of Western folk and traditional music, a regional survey will be made of the music of the following areas: (1) European folk music, considering separately the music of Northern, Eastern, and Southern Europe; (2) the music of Negro-Africa; (3) the music of the Americas, considering separately the music of the American Indians, Negro folk music in the Americas, and European folk music in the Americas. Prerequisite: Sophomore standing and at least one course in music for the non-major or consent of instructor.

Private and/or class instruction in all instruments is available to non-music majors. A moderate charge will be made.

PHILOSOPHY AND RELIGION

Wavell (*Head*), Darrah, DeNicola, Edge, Wettstein

The Department offers majors in Philosophy and in Philosophy and Religion.

Students majoring in Philosophy are required to take the following program of courses:

Introduction to Philosophy (103)

Ethics (108)

Introduction to Logic (123)

History of Early Western Philosophy (201)

History of Modern Philosophy (204)

Five electives chosen from:

Philosophy (not less than three):

202, 212, 215, 217, 306, 309,

311, 345, 346, 347, 348, 398

Religion (not more than two):

113, 218, 327, 427

Departmental Senior Seminar (480)

Senior Independent Study (499)

Students majoring in Philosophy and Religion are required to take the following courses:

Introduction to Philosophy (103)

Ethics (108)

History of Early Western Philosophy (201)

The Old or New Testament (205 or 206)

Development of Christian Thought (218)

Five electives chosen from:

Philosophy (not less than two):

202, 204, 212, 215, 217, 306,

309, 346, 347, 348, 398

Religion (not less than two):

114, 205 or 206, 291, 327,

328, 427

Departmental Senior Seminar (480)

Senior Independent Study (499)

Both Philosophy and Philosophy and Religion majors are urged to acquire a sound background

for their area of special interest by electing, in consultation with their advisers, supporting courses in other disciplines.

PHILOSOPHY

101W. FRESHMAN HONORS SEMINAR

103F. INTRODUCTION TO PHILOSOPHY

An introductory examination of the aims, methods, and problems of the principal branches of philosophy.

108S. ETHICS

A critical survey of the most important theories of morality. The second half of the course is devoted to contemporary ethical thought.

123F. INTRODUCTION TO LOGIC

A course on the principles of valid reasoning. Introductions are provided to both the traditional and modern approaches.

198W. DIRECTED STUDY

201S. HISTORY OF EARLY WESTERN PHILOSOPHY

The development of philosophy of ancient Greece. Special emphasis will be given to the thought of Democritus, Socrates, Plato, Aristotle, and the Stoics.

202F. MEDIEVAL AND RENAISSANCE PHILOSOPHY

A review of the development of western philosophy between the 6th and 16th centuries, special attention being given to the leading scholastic philosophers. Prerequisite: one course in philosophy or consent of instructor.

204F. HISTORY OF MODERN PHILOSOPHY

The development of British Empiricism and Continental Rationalism in the 17th and 18th centuries. Emphasis will be placed upon the philosophies of Locke, Berkeley, Hume, Descartes, Spinoza, Leibniz, and Kant.

212S. AESTHETICS

A study in the philosophical problems posed by art. This course is recommended for art majors. Prerequisite: one

course in philosophy or in art. (Not offered 1970-1971)

215S. SOCIAL AND POLITICAL PHILOSOPHY

An examination of social contract theory, natural rights, punishment, and the nature of freedom and justice. Readings will be chosen from the "classical" authors (Hobbes, Locke and Hume) as well as from authors of the contemporary analytical school. Prerequisite: one course in philosophy or consent of instructor.

217S. PHILOSOPHY OF RELIGION

A study of the philosophical problems posed by religious experience, values, and claims to knowledge. Prerequisite: one course in philosophy or religion.

306. PHILOSOPHY OF THE RECENT PAST

A study of the development of philosophy in the 19th and early 20th centuries. (Not offered 1970-1971).

309S. CONTEMPORARY PHILOSOPHY

A study of some of the most important 20th century philosophical movements selected from: realism, pragmatism, logical atomism, logical positivism, philosophical analysis, existentialism, and phenomenology. Prerequisites: Philosophy 103 or 204.

311. PHILOSOPHY OF SCIENCE

A critical discussion of the presuppositions, methods, and principal concepts employed in the natural sciences.

345. MATHEMATICAL LOGIC

A course in modern symbolic logic providing an exact foundation for mathematical reasoning. Prerequisite: one course in mathematics or Philosophy 123. (Not offered 1970-1971).

346F. PHILOSOPHY OF THE SOCIAL SCIENCES

An examination of philosophical problems encountered in the social sciences. Among the topics considered are: the logic of concept formation and measurement, the question of objectivity, the nature of historical explanation, the use of ideal types, the alleged uniqueness of historical events, the difference between "hard" and "soft" sciences, and moral considerations raised in social science research. This course is recommended for social

science majors. Prerequisite: one course in philosophy or in behavioral science.

347F. PHILOSOPHY OF LANGUAGE

A review of present knowledge of the structure and functions of language, followed by a study of some of the philosophical problems arising out of this knowledge. Special attention will be given to the problems connected with linguistic meaning, cultural relativity, and natural logic. Prerequisite: Philosophy 103 or 123.

348S. PHILOSOPHY OF MIND

A study of selected topics in the philosophy of mind, including: free-will; knowledge, belief and awareness; self-awareness; reasons and causes in human behavior; action and conduct; intentions; alternative accounts of purposive behavior. This course is recommended for behavioral science majors. Prerequisite: one course in philosophy or behavioral science.

398W. DIRECTED STUDY FOR JUNIORS

480F. SENIOR DEPARTMENTAL SEMINAR

A study of problems in metaphilosophy. Open to philosophy majors only.

499W. SENIOR INDEPENDENT STUDY

Open to philosophy majors only.

RELIGION

113F. WORLD RELIGIONS: FAR EASTERN

A study of the patterns of religious life and thought in Hinduism, Buddhism, and the religions of China and Japan, emphasizing the interpretation of their sacred literature and historical development.

114. RELIGION IN AMERICA

The variety of religious experience and institutions in the United States will be examined in relation to the colonial, "national," Civil War, industrializing, and contemporary periods. Phenomena of revivalism, utopianism, the Social Gospel, and secular Christianity will be studied in the context of their historical situations, faith patterns, and cultural influences. (Not offered

1970-1971)

205F. THE OLD TESTAMENT

A study of the literature and religion of the Old Testament.

206S. THE NEW TESTAMENT

A study of the content, character, hope, and promise of the New Testament.

218F. DEVELOPMENT OF CHRISTIAN THOUGHT

An examination of major themes in the history of Christian thought through the discussion of selected classics of its literature, including the writings of St. Augustine, St. Anselm, St. Thomas Aquinas, Martin Luther, John Calvin, Friedrich Schleiermacher and Soren Kierkegaard. Prerequisite: one course in philosophy or religion.

291W. NATURE OF MYSTICAL EXPERIENCE (Directed Study)

An exploration of mystical experience and meditative techniques by studying the writings of contemplatives of several religious traditions. Prerequisite: one course in religion.

327S. CONTEMPORARY RELIGIOUS THOUGHT

An investigation of the major options developing in western religious thought in the 20th century in existential, process, linguistic, secular, and historical contexts. Issues dealt with include: theological language, the relation of religion to science, the theological foundation of ethics, and the "death of God" theology. Prerequisite: one course in philosophy or religion.

328S. EXISTENTIALISM AND RELIGIOUS THOUGHT

A study of the problems and possibilities of theism, atheism, and humanism from the existentialist perspective. Authors to be read and discussed will include Kierkegaard, Nietzsche, Heidegger, Sartre, Marcel, Unamuno and Berdyaev. Classes will be conducted in seminar form, with students as well as the instructor presenting papers for discussion. Prerequisite: one course in philosophy or religion.

427. NEW DIRECTIONS IN RELIGIOUS THOUGHT

An examination of contemporary positions on the following current issues in Protestant, Roman Catholic, and Jewish religious thought: the possibility of a "secular religion", the development of a "new morality", the prospects of ecumenical and inter-faith dialogue, birth control, and the relation of church and society. (Not offered 1970-1971).

PHYSICAL EDUCATION

Justice (*Director*), Coffie, Copeland, Howell, Jarnigan, Mack, Meisel

Students enrolled in Physical Education classes and those participating in intramural sports should have a physical examination each year. No student may enter any activity for which he is not physically fit.

Students bringing certificates of disability from personal physicians must have the certificates endorsed by the College physician before they will be accepted by the department.

PHYSICAL EDUCATION FOR MEN

Men students are required to register for four terms of Physical Education and must complete satisfactorily P.E. 101, P.E. 102, P.E. 103, and P.E. 104. Those students who have not successfully completed four terms by the end of the fall term of their third year will be placed on probation.

All freshmen and transfer students must take the Rollins College swimming test at the beginning of the fall term. Students who fail the test will be assigned to a swimming class until they can pass the test.

The Rollins College Physical Fitness Classification Test is given at the start and end of each term. Those who do not achieve a satisfactory fitness level will be assigned to a Physical Fitness class during the fall or spring term.

The program required for transfer students to Rollins College is adjusted on an individual basis by the Director of Men's Physical Education. The Physical Education required program may be waived or altered for individual students for any of the following reasons:

1. Upon recommendation of the College physician after consulting with the Director of Men's Physical Education.
2. For transfer students who enter with four hours credit or a portion thereof.
3. For inability to meet the standards of selected courses after regular attendance and conscientious effort, upon recommendation of the Director of Men's Physical Education.
4. For other exceptional cases, upon recommendation of the Director of Men's Physical Education.

Regular attendance is necessary to meet requirements of the College. It is the policy of the department that irregular attendance automatically results in "failure" for the term. Students who have completed four terms may register for any activity on a non-credit basis when openings and instructional personnel permit.

The Curriculum for men:

101MF, MS. PHYSICAL FITNESS

To be taken in first year, fall or spring term as assigned by the Director of Men's Physical Education, and based on results of the Physical Fitness Classification Test.

102MF, MS. TEAM SPORT

Choice of basketball, flag football, soccer, softball or volleyball. A Varsity or Junior Varsity sport (baseball, basketball, crew or soccer) will satisfy this requirement.

103 MF, MS. INDIVIDUAL AND DUAL SPORT

Choice of archery, badminton, bowling, golf, paddleball, sailing, swimming, tennis, and water skiing.

104 MF, MS. ELECTIVE

Any of the above activities may be taken by students who have successfully completed P.E. 101, 102, and 103.

105 MF, MS. NON-CREDIT

Any of the above courses may be taken, for no credit, by students who have completed all four terms, where class size and instructional personnel permit.

Activities of the program may be added or withdrawn by the Physical Education Department.

INTRAMURAL ACTIVITIES:

The Rollins College Intramural Program affords an opportunity for all students to participate voluntarily in competitive sports and recreational activities of their choosing. Teams representing fraternities, independents, faculty, graduates, and administrative staff compete. A trophy is awarded to the team receiving the greatest number of points during the college year. Sports include badminton, basketball, bowling, flag football, golf, paddleball, sailing, soccer, softball, swimming, table tennis, tennis, track, and volleyball.

EQUIPMENT

The College will furnish all necessary playing

equipment for physical education classes and intramural sports with the exception of golf and tennis. Students are required to purchase a standard uniform consisting of a T-shirt, shorts, socks, and supporter. The uniform is sold at the Physical Education Office at a cost that normally does not exceed \$4.00 and is required dress for all classes.

PHYSICAL EDUCATION FOR WOMEN

Women students are required to register for four terms of physical education. The four terms must be completed by the end of the fall term of the junior year. The specific requirements are: 101 – Basic Physical Education (to be completed either in the fall term or spring term of the freshman year); 102 – Team Sport. The remaining two terms are elective.

All freshman and transfer students must take and pass the Rollins College swimming test at the beginning of the fall term. Students will be assigned to a beginning swimming class until they can pass the test.

The physical education requirements may be waived or altered for individual students for any of the following reasons:

1. Upon recommendation of the College physician.
2. For transfer students who enter Rollins College with four hours credit or portion thereof.
3. For other exceptional cases upon recommendation of the Director of Women's Physical Education and with the approval of the Dean of the College.

Regular attendance is necessary to meet requirements of the College. It is the policy of the

department that irregular attendance automatically results in "failure" for the term. Those students who have not successfully completed four terms by the end of the fall term of their junior year will be placed on probation.

The college will furnish all necessary equipment except uniforms, tennis racquets, and golf clubs.

The accepted uniform is black shorts and white blouse.

The Curriculum for Women:

1. The Required Program:

P.E. 101 WF, WS. Basic Physical Education. To be taken in the freshman year as assigned by the Director of Women's Physical Education. P.E. 102WF, WS. Team Sport, Basketball, Volleyball.

2. The Electives Program

P.E. 103WF, Archery, badminton, basketball, bowling, dance, golf, gymnastics, paddleball, riding, sailing, tennis, water skiing.

P.E. 103WS. Archery, badminton, bowling, dance, golf, gymnastics, paddleball, riding, sailing, tennis, volleyball, water skiing.

Activities may be added or withdrawn at the discretion of the Physical Education Department and the Dean of the College

Students who have completed four terms may register for any activity on a non-credit basis where openings and personnel permit.

INTRAMURAL ATHLETICS:

The Rollins College intramural program affords an opportunity for all students to participate voluntarily in competitive sports of their choos-

ing. Teams representing sororities and independents compete. Trophies are awarded to the winning team in each sport.

INTERCOLLEGIATE ACTIVITIES:

An intercollegiate tennis and golf varsity program is available for the highly skilled student.

PHYSICS

Ross (*Head*), Griffin, Mulson

Students planning to major in Physics should take Mathematics 111-112 and Foundation Science 141-142 in their freshman year. A physics major must take Physics 217, 218, 307, 308, 311, 314, 441 and 445. The Departmental Seminar and Winter Term Independent Study are required in the senior year. Two additional courses should be elected from advanced offerings in either physics, chemistry, or mathematics.

217F. ATOMIC PHYSICS

The theory of special relativity, particle aspects of electromagnetic radiation, wave aspects of material particles, structure of the hydrogen atom, atomic spectroscopy, and X-ray spectra. With laboratory. Prerequisite: FC142 and Mathematics 112.

218S. NUCLEAR PHYSICS

Basic properties of nuclei, radioactivity, nuclear reactions, fission, fusion, nuclear structure, nuclear models, and fundamental particles. With laboratory. Prerequisite: Physics 217.

307F. MATHEMATICAL PHYSICS

Selections from those areas of applied mathematics which form the basis for advanced work in classical and quantum physics. Prerequisite: Physics 218, Mathematics 212.

308S. MECHANICS

An analytical course covering particles, systems of particles and rigid bodies through the use of Newtonian, Lagrangian, Hamiltonian, and Relativistic mechanics. Prerequisite: Physics 307.

311S. OPTICS

Physical optics: coherence and interference, Fraunhofer diffraction, Fresnel diffraction and polarization. Laboratory experiments correlated with theory. Prerequisite: Physics 218 and Mathematics 212.

314F. ELECTRICITY AND ELECTRONICS

A vector treatment of electric and magnetic fields and their interactions with charged particles in vacuum, conductors, and dielectric media. Laboratory experiments in DC and AC circuits, power supplies, amplifier circuits, oscillators, and electronic measuring instruments. Prerequisite: Physics 218 and Mathematics 212.

441F. QUANTUM MECHANICS

An introduction to, and application of, the Schrödinger Wave Equation to the hydrogen atom, harmonic oscillator, and potential barriers. Approximate solutions will also be studied. Prerequisite: Physics 307 or consent of instructor.

445S. ELECTROMAGNETIC THEORY

Maxwell's equations, plane electromagnetic waves in free space and in matter, reflection and refraction radiation of electromagnetic waves, electromagnetic field of a moving charge. Prerequisite: Physics 314.

447S. SOLID STATE PHYSICS

Crystal structure, mechanical and thermal properties of solids, electrical and magnetic properties of insulators and metals, band theory of metals, insulators, and semiconductors.

498F. DEPARTMENTAL SEMINAR

A study of the evolution of physics and its place in modern society. Selected readings from the classical literature and current journals leading to oral and written presentations for class discussion. Required of physics majors in their senior year.

499W. INDEPENDENT STUDY FOR SENIORS

PRE-MEDICINE

The premedical program epitomizes the unified approach to the sciences. One of our strongest programs and majors, it is built on and supported by courses in biology, chemistry, mathematics, and physics required to qualify for any medical school in the country. These courses are equally suitable for students who wish to go into dentistry, veterinary medicine, forestry, conservation, and related fields. This broad perspective is basic to our placing students in such schools as Baylor, Duke, Emory, Johns Hopkins, Miami, Tulane, and the University of Florida as well as many others.

Required courses include:

- Comparative Vertebrate Anatomy
(Biology 323)
- Mammalian Anatomy (Biology 324)
- Principles of Physics and
Chemistry (FC 141, 142)
- Organic Chemistry (Chemistry 221, 223)
- Atomic Physics (Physics 217)
- Nuclear Physics (Physics 218)
- Introductory Calculus (Mathematics 111)

In consultation with his major adviser, the student will choose also at least five additional courses in science and mathematics from the following, recommended as especially useful in preparation for admission to medical school:

- Statistical Methods (Mathematics 120)
- Microbiology (Biology 328)
- Physiology (Biology 211, 212)
- Genetics (Biology 408)
- Molecular Biology (Biology 451)

Biochemistry (Chemistry 431)
Analytical Chemistry (Chemistry 331, 332)
Physical Chemistry (Chemistry 305)
Independent study in Biology or Chemistry.

THEATRE ARTS AND SPEECH

Juergens (*Head*), Amlund, Gawlikowski,
Mendez, Rodgers

THEATRE ARTS

A student who majors in Theatre Arts should be able to demonstrate, through performance, his proficiency in basic acting, directing, designing, and production skills. To achieve this end, every student will take a specified series of courses in his major field, and participate in at least two major dramatic events each year. At the end of the sophomore year each student will be evaluated by the theatre staff to determine the desirability of his continuing in the major. In addition, every student must successfully pass comprehensive written and/or oral examinations by the end of the winter term of the senior year. These examinations are designed to measure the student's knowledge in history of the theatre, dramatic literature, and drama criticism.

It is possible to take a concentration in two separate areas within the major: the emphasis in Performance, or the emphasis in Technical Theatre and Design.

Concentration in Performance, Required Courses:

Introduction to the Theatre (101)
History of the Theatre (121, 122)
Dramatic Criticism and Playwriting (301, 302)

Beginning Acting (251, 252)
Stagecraft (261)
Advanced Acting (304, 305)
(Permission of staff required)
Senior Practicum: Directing (401, 402)
At least two terms of Theatre
Workshop (198, 298, 398)

Recommended Courses:

Design (307)
Shakespeare (English 317, 318)
Two terms of: Development of the Drama
(English 351, 352) or Twentieth-Century
Drama (English 363, 364)

Concentration in Technical Theatre and Design,
Required Courses:

Introduction to the Theatre (101)
History of the Theatre (121, 122)
Dramatic Criticism and Playwriting
(301, 302)
Stagecraft (261)
Stage Lighting (262)
Design (307, 308)
Senior Practicum: Design (401, 402)
At least three terms of Theatre
Workshop (198, 298, 398)

Recommended Courses:

Principles of Art (Art 131, 132)
Introduction to Art History (Art 201, 202)
Shakespeare (English 317, 318)
Two terms of: Development of the
Drama (English 351, 352)
Twentieth Century Drama
(English 363, 364)

101F. INTRODUCTION TO THE THEATRE

A survey of the organization and economic structure of Broadway, educational, and amateur theatre; survey of theatre architecture; study of contemporary play forms; analysis of play structure. Open to all students. Offered in alternate years.

121F, 122S. HISTORY OF THE THEATRE

Introductory course presenting the theatre in historical perspective; a study of key periods of history of the theatre and drama in relation to what these periods have contributed to the evolution of the modern theatre. Open to all students. Twelve laboratory hours per term required. Offered in alternate years.

198W, 298W, 398W. THEATRE WORKSHOP

Practical work in the production of plays or group projects, prepared for public performance. At least two terms required of all majors.

251F, 252S. ACTING I

Exercises in relaxation, concentration, observation; script analysis, determination of actor's objective; preparation of scenes, improvisations. Open to all students.

261F. STAGECRAFT

Theory and practice in the technical aspects of the design, construction, and painting of scenery, with some consideration of historical development of the art of stagecraft. Students work on production crews. Open to all students.

262S. STAGE LIGHTING

Theory and practice in the design and execution of stage lighting, with some consideration of the history of stage lighting. Students work on production crews. Prerequisite: Theatre Arts 261.

301F, 302S. DRAMATIC CRITICISM AND PLAYWRITING

A survey of dramatic criticism beginning with Aristotle. The emphasis is placed on the more pragmatic aspects of dramaturgy, leading to the required practical work: each student must submit one full-length or two long one-act plays each term. Open to all students. Required of

majors. Offered in alternate years.

304F, 305S. ACTING II

Continued work with acting techniques, with increased emphasis on external aspects (control of body and voice), and their application to various styles of acting; Shakespeare, English Restoration, Greek Tragedy, and Comedy. Prerequisite: Theatre Arts 252.

307F, 308S. DESIGN FOR THE THEATRE

Advanced study in the theory and practice of stage and costume design; study of the history of stage and costume design. The emphasis is on execution of ground plans, sketches and renderings, along with practical work in costume construction. Some experience with drafting and painting recommended.

401F, 402S. SENIOR PRACTICUM: DIRECTING OR DESIGN

The senior major course. Seminar in major trends of the modern theatre; also, individual projects. For students concentrating in performance, the course will entail a study of directing skills; for students concentrating in technical theatre and design, advanced design studies. Design students in this course will design lighting, sets, or costumes for one or more of the major productions. Prerequisites: Theatre Arts 305 or 308 and 262.

498W. INDEPENDENT STUDY

Research leading to a long paper on any phase of the theatre; preparation for comprehensive examination.

SPEECH

101F, S. FUNDAMENTALS OF SPEECH

Consideration of the process of oral communication and the fundamentals of speech, with the application of these fundamental skills in the preparation, delivery, and evaluation of the common forms of public address and discussion. Open to all students.

201F. VOICE AND DICTION

Aim of the course is to help the student develop a pleasing and effective speaking voice. Emphasis is upon the systematic development of breath control, resonant

quality of the voice, clear articulation, and audibility. Tape recordings are made. Open to all students.

202F. ARGUMENTATION AND DEBATE

Study of the forms of debate, historically as well as practically. Participation in interscholastic debate tournaments required. Open to all students.

211F. TELECOMMUNICATIONS

A brief history of the development of radio and television. A study of the relationship between information and entertainment as well as the influence of television and radio on thought and action in the modern world. Open to all students.

298. DIRECTED STUDY

Directed study in one of areas of speech: discussion, debate, public address, oral interpretation, speech pathology. Prerequisite: Speech 101 or equivalent.

303S. ORAL INTERPRETATION OF LITERATURE

Oral re-creation of literature for an audience, and principles and practice in comprehension, appreciation and skill in projecting literary material of various kinds. Prerequisite: Speech 101 or consent of instructor.

304. ELEMENTS OF PERSUASION

Classical and contemporary theories of persuasion. Examining ethics of persuasion, motivational analysis, and non-logical appeals, plus the preparation and delivery of various types of persuasive speeches. Prerequisite: Credits in a fundamentals speech course or consent of instructor.

305. READERS AND CHAMBER THEATRE

Reading or memorization, analysis, and adaptation of literature for solo and group performance culminating in recital performances. Prerequisite: Speech 201 or 303.



Personnel

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Asheville, North Carolina
Palm Beach, Florida

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Winter Park, Florida

Terms to expire in 1972

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Glencoe, Illinois

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Winter Park, Florida

Henry T. Heald, M.S., D.S.
New York, New York

Sherman Jenney
Winter Park, Florida
Donerail, Kentucky

Thomas Phillips Johnson, A.B., LL.B., LL.D.
Pittsburgh, Pennsylvania

*Howard Carrington Kresge, Jr., B.A., M.B.A.
Greenwich, Connecticut

Hugh F. McKean, A.B., M.A., L.H.D.
D. Space Ed.
Winter Park, Florida

John Meyer Tiedtke, A.B., M.C.S.
Winter Park, Florida

G. Tom Willey, M.E., LL.D.
Winter Park, Florida

Terms to expire in 1973

*Bernard Robert Bralove, A.B.
Washington, D. C.

Dryden Jones
Cincinnati, Ohio

Mrs. Jeannette Genius McKean, D.F.A.
Winter Park, Florida

*Nominated by the Alumni

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Kingston, Rhode Island

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Ashland, Ohio

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Peekskill, New York

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Winter Park, Florida

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President

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*Assistant to the President
for Special Projects*

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*Donald W. Hill, B.S., M.S., Ph.D.
Dean of the College

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Librarian

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Assistant Dean for Academic Affairs

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*Dean of The Roy E. Crummer
School of Finance and Business
Administration*

Richard S. Wolfe, B.A., M.A.
Registrar

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Vice President and Treasurer

Ernest L. Blake
Data Processing Manager

G. Curme Bretnall, A.B.
Cashier

(Deceased August 10, 1970)

(To be appointed)
Assistant Treasurer
and Comptroller

G. Thomas Wells, A.B., M.C.S.
Director of Physical Plant

OFFICE OF STUDENT AFFAIRS

*N. Ronald Pease, A.B., M.A.
Dean of Student Affairs

Ross Ann Jenny, B.S., M.Ed.
Associate Dean of Student
Affairs

Sally L. Behre, A.A.
Director of Freshmen Women

Eleanor I. Kay, B.A., M.A.
Counseling Psychologist

David H. Lord, B.A.
Assistant to the Student
Deans

Lucia S. Turnbull, B.A.
Assistant to the Student Deans

(To be appointed)
Assistant to the Student Deans

ADMISSIONS, PLACEMENT, AND STUDENT AID

Richard N. Stabell, A.B., M.A.T.
Director of Admissions and
Student Aid

J. William Loving, Jr., B.A., Th.B.

Associate Director for Student
Aid and Placement

Carole Conklin Farwell
Assistant Director of Admissions

William M. Hartog III, B.A.
Assistant Director of Admissions

Samuel A. Martin, B.A.
Assistant Director of Admissions

William H. Bieberbach, B.A.
Assistant to the Director of Admissions

HEALTH SERVICES

(To be appointed)
Director, Student Health Services, and
College Physician

Judson E. Shephard, M.D.
Psychiatric Consultant

Cathy J. Smith, R. N.
College Nurse

Carole F. Taber, R. N.
College Nurse

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*Fred W. Hicks, A.B., M.A., Ph.D.
Director of Development and Public
Relations

Sara H. Howden, A.B.
Associate Director of Development
and Public Relations

C. LaRue Boyd, B.S.
Director of the News Bureau

THE KNOWLES MEMORIAL CHAPEL

Theodore Stanley Darrah, B.S., S.T.B.
Dean of The Knowles Memorial Chapel

A. Arnold Wettstein, B.A., B.D.
Assistant Dean of The Knowles
Memorial Chapel

Alexander Anderson, B.M.
Chapel Organist

Ward Woodbury, B.A., M.A., Ph.D.
Choirmaster

*Members of the President's Administrative Council

PROGRAM AND OFFICE STAFFS

THE GRADUATE PROGRAMS

J. Allen Norris, Jr., B.A., M.A.T., Ed.D.
Coordinator

John S. Ross, A.B., M.S., Ph.D.
Director, Master of Science Program

Charles A. Welsh, B.S., M.A., Ph.D.
Director, Master of Science in Management Program

Marshall M. Wilson, A.A., B.A., M.Ed., Ed.D.
Director, Graduate Program in Education

THE CONTINUING EDUCATION PROGRAMS

J. Allen Norris, Jr., B.A., M.A.T., Ed.D.
Coordinator

Margaret Marion Marwick, A.T.C.M.,
L.T.C.M., L.R.A.M.
Director, School of Creative Arts

Edwin A. Muth, B.A., M.A., M.B.A., Ph.D.
Director, Patrick Air Force Base Branch

Daniel F. Riva, B.S., M.A., Ph.D.
Director, Central Florida School for Continuing Studies

MILLS MEMORIAL LIBRARY

George Edward Larsen, A.B., M.S.
Librarian

Gerald Lawrence Ball, B.S., B.Ed., M.Ed.
Acquisitions Librarian

Elizabeth A. Beall, B.S., M.L.S.
Assistant Catalog Librarian

Evelyn Jensen Draper, B.S. in L.S.
Archivist

Margaret Dickinson Duer, A.B., B.S.
Head Reference Librarian

H. Louise Eberle
Assistant Cataloger and Assistant in Documents

Muriel Jean Hamilton, B.A., B.S. in L.S., M.A.
Catalog Librarian

Nellie Margaret Kirby
Periodical and Processing Assistant

Carolyn MacFarland, B.A., M.S.
Assistant Reference Librarian

Olive E. Mahony
Head of Circulation

Alice V. Neil, Ph.B., B.S. in L.S.
Librarian, The Roy E. Crummer School of Finance and Business Administration

George Lieberg Olsen, A.B., M.A.
Evaluator of Collections

Lynne M. Phillips, B.A., M.L.S.
Librarian, The Archibald Granville Bush Science Center

ATHLETIC DEPARTMENT

Joseph Justice, A.B.
Director of Athletics and Physical Education; Baseball and Golf Coach

Howard Boyd Coffie, Jr., B.A., M.A.T.
Coordinator of Enyart-Alumni Fieldhouse; Basketball and Assistant Baseball Coach

Nathan Norman Copeland, A.B.
Tennis Coach

Gordon E. Howell, B.S., M.A.T.
Soccer Coach

James Patrick Lyden, B.A.
Crew Coach

LATIN AMERICAN PROGRAM AND
INTER-AMERICAN CENTER

Luis Valdés, B.A., M.A., Ph.D.
Coordinator

Alfred Jackson Hanna, A.B., L.H.D.
Honorary Director

Angela Palomo Campbell, B.A., A.M.
Director of Casa Iberia

Katherine Lewis Lehman, A.B.
Coordinator of Casa Iberia

Sir Harold Mitchell, M.A., Dr. es Sc.Pol.,
LL.D.
Research Professor

Marian S. Pierce, A.B.
Resident Head of Casa Iberia

MUSEUM STAFF

Hugh F. McKean, A.B., M.A., L.H.D.,
D. Space Ed.
*Director, Rollins College Museum
of Art*

Jeannette Genius McKean, D.F.A.
Director, The Morse Gallery of Art
(To be appointed)
*Director of the Beal-Maltbie Shell
Museum and the Thomas R. Baker
Museum of Natural Science*

RADIO STATION — WPRK-FM

Charles A. Rodgers, B.A., M.A., Ph.D.
Director

FACULTY 1970-1971 (as of September, 1970)

Dates indicate (1) first appointment at Rollins,
(2) year of receiving present rank.

EMERITI

Donald Simpson Allen, A.B., A.M.
Professor Emeritus of Theatre Arts, (1934; 1966)

Angela Palomo Campbell, B.A., A.M.
Professor Emeritus of Spanish, (1936; 1962)

Walter Charmbury, Artist Diploma
Professor Emeritus of Piano, (1939, 1956)

Nina Oliver Dean, A.B., M.A.
*Associate Professor Emeritus of English,
(1943; 1968)*

Catharine Crozier Gleason, B.M., M.M., Mus.D.
*Associate Professor Emeritus of Organ,
(1955; 1969)*

Edwin Phillips Granberry, A.B. Litt.D.
*Irving Bachellor Professor Emeritus of
Creative Writing, (1933; 1970)*

Alfred Jackson Hanna, A.B., L.H.D.
*Vice President Emeritus;
Weddell Professor Emeritus of History
of the Americas, (1917; 1970)*

Alice McBride Hansen, A.B., B.L.S., Ed.M.
Librarian Emeritus, (1951; 1969)

Flora Lindsay Magoun, B.A., A.M.
*Associate Professor Emeritus of Business
Education, (1935; 1967)*

William Melcher, A.B., A.M., Ph.D., LL.D.
*Professor Emeritus of Business Administration,
(1935; 1952)*

Constance Ortmayer, Graduate Royal Academy of
Fine Arts, Vienna, and Royal Academy
Master School
*Professor Emeritus of Sculpture,
(1937; 1968)*

Audrey Lillian Packham, B.S. in Edn., A.M.
*Professor Emeritus of Education,
(1930; 1966)*

George Sauté, Ph.B., A.M.
*Professor Emeritus of Mathematics,
(1943; 1969)*

Bernice Catharine Shor, B.S., M.S.
*Associate Professor Emeritus
of Biology, (1926; 1968)*

Wendell Cornell Stone, A.B., Ph.D., LL.D.
Professor Emeritus of Philosophy,
(1933; 1970)

Alexander Waite, A.B., M.Ed., Ph.D.
Professor Emeritus of Psychology,
(1937; 1967)

THE FACULTY (1970-1971)

John Jackson Bowers
President of the Faculty;
Associate Professor of Mathematics
(1962; 1965);
Head, Department of Mathematics
B.A., Wesleyan University;
M.S., Ph.D., Carnegie Institute
of Technology

Peter H. Bonnell
Vice President of the Faculty;
Professor of Russian and German
(1964; 1969)
A.B., University of California
at Berkeley;
Ph.D., Harvard University

Edward H. Cohen
Secretary of the Faculty;
Assistant Professor of English
(1967; 1967)
B.A., University of Maryland;
M.A., University of Iowa;
Ph.D., University of New Mexico

Dale F. Amlund
Assistant Professor of Theatre Arts, (1966; 1966)
B.F.A., Minneapolis School of Art;
M.F.A., Yale Drama School

Alexander Anderson
Visiting Lecturer in Music, 1969; 1969)
B.M., University of Glasgow

Gerald Lawrence Ball
Acquisitions Librarian (Instructor), (1970; 1970)
B.Ed. Boston College;
M.Ed., Boston State Teachers College;
B.S., Simmons College

Elizabeth A. Beall
Assistant Catalog Librarian (Instructor),
(1968; 1968)
B.S., Carnegie-Mellon University;
M.L.S., University of Pittsburgh

Erich C. Blossey
Associate Professor of Chemistry, (1965; 1969)
B.S., Ohio State University;
M.S., Iowa State University;
Ph.D., Carnegie Institute of Technology

Edward E. Borsoi
Assistant Professor of Spanish, (1969; 1969)
B.A., University of Bridgeport;
M.A., Ph.D., University of Illinois

Thomas Brockman
Associate Professor of Piano, (1962; 1968)
Curtis Institute of Music;
B.S., Juilliard School of Music;
pupil of Olga Samaroff;
graduate study in Europe with Edwin Fischer,
Nadia Boulanger, and Robert Casadesus

Myrtle Carolyn Burnett
Associate Professor of Psychology, (1961; 1969)
B.S., Stout Institute;
M.Ed., University of South Carolina;
Ed.D., University of Florida

C. Francis Byers
Visiting Professor of Biology, and Scientist
in Residence, (1969; 1969), Chairman,
"The Sciences; A Search for Order,"
Foundation Course
A.B., M.S., Ph.D., University of Michigan

Alphonse Carlo
Associate Professor of Violin and Viola,

(1942; 1944)

Graduate, Teacher's Diploma, and post-graduate study, Juilliard School of Music; graduate, National Orchestral Association, New York City

John Carter

Professor of Theory, Composition, and Piano, (1938; 1949)

B.M., Rollins College; graduate study, Juilliard School of Music; pupil of Roy Harris in composition and musicology; pupil in piano of Muriel Kerr, Alton Jones, James Friskin; coached in German Lieder by Coenraad Bos

George Thomas Cochran

Assistant Professor of Chemistry, (1967; 1967)

B.S., University of Richmond;

M.S., University of Tennessee;

Ph.D., Clemson University

Howard Boyd Coffie, Jr.

Assistant Professor of Physical Education, (1962; 1967);

Coordinator of Enyart-Alumni Field House

B.A., M.A.T., Rollins College

Edward H. Cohen

Assistant Professor of English, (1967; 1967)

B.A., University of Maryland;

M.A., University of Iowa;

Ph.D., University of New Mexico

Nathan Norman Copeland

Instructor in Physical Education, (1955; 1963)

A.B., Rollins College

Deloit E. Cotanche

Assistant Professor of Education, (1969; 1969);

Co-Chairman, Social Sciences Foundation Course

B.S., Troy State University;

M.A., Ed.D., University of Alabama

Jack B. Critchfield

President;

Professor of Education, (1969; 1969)

B.S., Slippery Rock State College;

M.A., Ed.D., University of Pittsburgh

Theodore Stanley Darrah

Dean of The Knowles Memorial Chapel;

Professor of Religion, (1947; 1947)

B.S., S.T.B., Harvard University

Daniel R. DeNicola

Instructor in Philosophy (1969; 1969)

A.B., Ohio University;

M.Ed., Harvard University

Richard W. Dorff

Visiting Lecturer in Economics (1969; 1969)

B.S., University of Nebraska;

M.B.A., University of Pittsburgh

Wilbur Dorsett

Associate Professor of English, (1946; 1962)

A.B., M.A., University of North Carolina

Paul F. Douglass

Professor of Government, (1956; 1956);

Director, Center for Practical Politics

A.B., Wesleyan University;

A.M., Ph.D., University of Cincinnati;

LL.D., Wesleyan University

Evelyn Jensen Draper

Archivist (Instructor), (1957; 1960)

B.S. in L.S., Simmons College

Margaret Dickinson Duer

Head Reference Librarian (Instructor),

(1968; 1968)

A.B., Florida State College for Women;

B.S. in L.S., University of North Carolina

Hoyt Littleton Edge

Assistant Professor of Philosophy,

(1970; 1970)

B.A., Stetson University

M.A., Ph.D., Vanderbilt University

Charles Milton Edmondson

Assistant Professor of History,

(1970; 1970)

B.A., M.A., University of Mississippi;

Ph.D., Florida State University

* William Thomas Edwards

Professor of Education, (1961; 1961)
B.A.E., M.A.E., University of Florida;
Ph.D., Ohio State University

David W. Epley

Assistant Professor of Economics, (1967; 1967)
B.A., Harvard University;
M.P.I.A., Ph.D., University of Pittsburgh

David J. Etzold

Associate Professor of Business Administration
(1969; 1969)
B.S., Mississippi State University;
M.B.A., Rollins College;
D.B.A., Mississippi State

Adolphus Ross Evans

Associate Professor of Business Administration,
(1949; 1949)
B.A.E., University of Florida;
M.S.B.A., Columbia University;
CPA, Florida

Marion Folsom, Jr.

Associate Professor of English, (1961; 1967);
Head, Department of English
A.B., Princeton University;
M.A., University of Rochester;
Certificat, Sorbonne, Université de Paris

Fred Ford

Instructor in Business Administration,
Patrick Air Force Base Branch, (1967; 1967)
B.S., Wharton School, University of Pennsylvania;
M.B.A., Temple University

William K. Gallo

Assistant Professor of Music, (1967; 1967);
Director of Freshman Studies;
Co-Chairman Humanities Foundation Course
B.S., University of Illinois;
M.A., Ph.D., The Catholic University of America

*Resigned as of September 1, 1970

David A. Gawlikowski

Instructor in Theatre Arts, (1968; 1968)
B.S., M.A., Ball State University

Nelson S. Glass

Instructor in Education, (1968; 1968)
B.A., Pennsylvania State University;
M.A., Stetson University

Donald Christian Griffin

Assistant Professor of Physics,
(1970; 1970)
B.S., Rollins College;
M.S., Ph.D., Purdue University

Hallie Lu Hallam

Assistant Professor of Art History, (1966; 1966)
B.A., West Virginia Wesleyan College;
M.A., Florida State University

John Bowen Hamilton

Professor of English, (1957; 1963)
A.B. Birmingham-Southern College;
M.A., Ph.D., University of North Carolina

Muriel Jean Hamilton

Catalog Librarian (Assistant Professor),
(1968; 1969)
B.A., Minot State College;
B.S. in L.S., M.A., University of Denver

Ada P. Haylor

Assistant Professor of English, (1967; 1967)
A.B., Oberlin College;
M.A., University of North Carolina

Herbert Elmore Hellwege

Professor of Chemistry, (1954; 1963);
Head, Department of Chemistry
Ph.D., University of Hamburg

Fred W. Hicks

Associate Professor of History, (1964; 1969)
Director of Development and Public Relations
A.B., M.A., Ph.D., University of
Michigan

- Donald W. Hill
Dean of the College; Professor of Economics,
(1958; 1966)
 Wilkes College; B.S., Bucknell University;
 M.S., Cornell University;
 Ph.D., The American University
- Gordon E. Howell
Instructor in Physical Education, (1967; 1967)
 B.S., Western Carolina College;
 M.A.T., Rollins College
- Margaret Louise Janz
Assistant Professor of Education,
(1970; 1970)
 B.A., M.S., Ph.D., Florida State
 University
- Peggy Ann Jarnigan
Instructor in Physical Education, (1967; 1967)
 B.S., Carson-Newman College;
 M.S., University of Tennessee
- Arthur R. Jones
Associate Professor of Sociology,
(1969; 1969);
Co-Chairman, Social Sciences Foundation
Course
 B.A., Baylor University;
 M.A., Ph.D., Louisiana State University
- Charles Joseph Jorgensen
Professor of Economics, (1970; 1970)
 B.S., University of Illinois;
 Ph.D., University of Washington
- Robert O. Juergens
Associate Professor of Theatre Arts, (1963; 1968);
Director, Annie Russell Theatre; Head,
Department of Theatre Arts and Speech
 B.A., Heidelberg College;
 M.A., Ohio State University;
 M.F.A., Yale School of Drama;
 D.F.A., Yale University
- Joseph Justice
Associate Professor of Physical
Education, (1946; 1957);
Director of Physical Education and
Athletics
 A.B., Rollins College
- Peter Klappert
Instructor in English, (1968; 1968)
 B.A., Cornell University;
 M.A., M.F.A., University of Iowa
- Leah Rice Koontz
Lecturer in English, (1954; 1954)
 B.S., Western Michigan University;
 Certificate, University of Birmingham, England
- Patricia Anne Lancaster
Instructor in French, (1970; 1970)
 B.A., Coker College
- Jack C. Lane
Associate Professor of History, (1963;
1968); Head, Department of History and
Public Affairs
 B.A., Oglethorpe University;
 M.A., Emory University;
 Ph.D., University of Georgia
- Ronald B. Larned
Instructor in Art (1969; 1969)
 B.A., Texas Technical College;
 M.A., New Mexico State University
- George Edward Larsen
Librarian, (Assistant Professor),
(1968; 1970)
 A.B., Williams College;
 M.S., Florida State University
- William Edward Legg
Instructor in Economics (effective
January, 1971)
 B.A., M.A., Florida State University

- Robert Barry Levis
Instructor in History, (1968; 1968)
 B.S., M.A., Pennsylvanis State
 University
- Mary Virginia Mack
*Assistant Professor of Physical Education,
 (1962; 1967); Director of Women's Physical
 Education*
 B.S., University of Missouri;
 M.P.H., University of Florida
- Carolyn Bouland McFarland
*Assistant Reference Librarian
 (Instructor), (1970; 1970)*
 B.A., University of South Florida;
 M.S., Florida State University
- Hugh Ferguson McKean
Chancellor; Professor of Art, (1932; 1951)
 A.B., Rollins College;
 M.A., Williams College;
 L.H.D., Stetson University, College of Law;
 D. Space Ed., Brevard Engineering College
- James Norman McLeod
*Assistant Professor of Anthropology,
 (1970; 1970)*
 B.A., M.A., University of California
 at Santa Barbara
- Harry J. Meisel
*Assistant Professor of Physical Education,
 (1963; 1966); Director of Men's Physical Education*
 B.S., Stetson University;
 M.A., Columbia University
- Charles Stetson Mendell, Jr.
Professor of English, (1936; 1946)
 A.B., Dartmouth College;
 A.M., Harvard University
- Anthony J. Mendez
*Assistant Professor of Theatre Arts,
 (1970; 1970);*
Technical Director of the Theatre
 B.A., Lynchburg College;
 M.A., University of Virginia
- Elinor Smith Miller
*Associate Professor of French, (1968; 1968);
 Co-Chairman Humanities Foundation Course*
 A.B., Wesleyan College;
 M.A., Ph.D., University of Chicago
- Sir Harold Mitchell, Bt.
*Research Professor of Latin American Studies,
 (1965; 1966)*
 B.A., M.A., Oxford University;
 Dr. es Sc. Pol., University of Geneva;
 LL.D., Rollins College;
 LL.D., St. Andrews University
- Joseph F. Mulson
Associate Professor of Physics, (1962; 1968)
 B.S., Rollins College;
 M.S., Ph.D., Pennsylvania State University
- Edwin A. Muth
*Associate Professor of History and
 Government, Patrick Air Force
 Base Branch, (1966; 1966);
 Director, Patrick Air Force Base
 Branch of Rollins College*
 B.A., St. Louis University;
 M.A., Georgetown University;
 M.B.A., Harvard University;
 Ph.D., Georgetown University
- Ralph Howard Naleway
Assistant Professor of Mathematics, (1968; 1968)
 B.S.E., University of Florida;
 M.A.L.S., Wesleyan University
- Alice V. Neil
*Librarian, The Roy E. Crummer School of
 Finance and Business Administration
 (Instructor), (1966; 1966)*

- Ph.B., University of Chicago;
B.S. in L.S., Carnegie Library School
- E. Alan Nordstrom, Jr.
Assistant Professor of English, (1970; 1970)
B.A., Yale University;
A.M., University of Michigan
- J. Allen Norris, Jr.
Professor of Education, (1964; 1969);
Assistant Dean for Academic Affairs
B.A., M.A.T., Ed.D., Duke University
- George Lieberg Olsen
Evaluator of Collections, (1968; 1968)
A.B., St. Olaf College;
M.A., Florida State University
- Philip Pastore
Assistant Professor of English, (1969; 1969)
B.A., M.A., University of Connecticut;
Ph.D., University of Florida
- Alberta LuElla Pennington
Assistant Professor of History, Patrick Air Force Base Branch, (1963; 1966)
B.A., M.A., University of Oklahoma
- Nicholas Tate Perkins
Assistant Professor of Mathematics and Science, Patrick Air Force Base Branch, (1964; 1967)
B.S., United States Military Academy at West Point;
M.S., Trinity University
- Thomas Fales Peterson
Associate Professor of Art, (1958; 1969);
Head, Department of Art
B.F.A., University of Georgia;
M.F.A., Columbia University
- Lynne Miller Phillips
Librarian, The Archibald Granville Bush Science Center (Instructor), (1970; 1970)
B.A., University of Arizona;
M.L.S., Texas Women's University
- Louise A. Racey
Instructor in Biology, (effective January, 1971)
A.B., Trinity College
M.S., The Catholic University of America
- Roger D. Ray
Assistant Professor of Psychology, (1969; 1969)
B.A., Rollins College;
Ph.D., University of Tennessee
- David Irving Richard
Assistant Professor of Biology, (1968; 1968)
B.A., Capital University;
M.S., Ph.D., Ohio State University
- Daniel F. Riva
Associate Professor of Political Science, (1969; 1969);
Director, Central Florida School for Continuing Studies
B.S., Springfield College;
M.A., George Washington University;
Ph.D., University of Missouri
- Charles A. Rodgers
Assistant Professor of Speech, (1969; 1970);
Director WPRK-FM
B.A., M.A., Ph.D., Ohio State University
- John Ross Rosazza
Associate Professor of Voice, (1950; 1952);
Head, Department of Music
B.M., Westminster Choir College;
M.A.T., Rollins College; graduate study, Conservatoire Americain, Fontainebleau; Conservatoire National de Musique Paris; pupil of John F. Williamson, Martial Singher, Charles Panzera, Nadia Boulanger
- John Stoner Ross
Professor of Physics, (1953; 1963);
Head, Department of Physics; Chairman, "Principles of Physics and Chemistry" Foundation Course; Director, Master of

Science Program

A.B., DePauw University;
M.S., Ph.D., University of Wisconsin

Raymond E. Roth

*Archibald Granville Bush Professor of
Mathematics, (1968; 1968)*
B.S., M.S., St. Bonaventure University;
Ph.D., University of Rochester

Carl J. Sandstrom

Visiting Professor of Biology, (1962; 1962)
B.S., Ph.D., University of Chicago

Edward W. Scheer, Jr.

*Assistant Professor of Biology, (1965; 1965);
Head, Department of Biology*
B.S., Rollins College;
M.A., Harvard University

Frank Sedwick

*Professor of Spanish, (1963; 1963);
Director of Foreign Language Studies;
Coordinator of Overseas and Off-Campus
Study Programs; Head, Department of
Foreign Languages*
B.A., Duke University;
M.A., Stanford University;
Ph.D., University of Southern California

Richard N. Sheldon

Assistant Professor of History, (1969; 1970)
B.S., M.A., Arizona State University;
Ph.D., University of Arizona

Shu-Chin Shen

*Assistant Professor of Economics,
(1969; 1969)*
B.A., Tsinghua University;
M.A., Columbia University

Alexandra S. Skidmore

*Associate Professor of Mathematics,
(1965; 1970)*
A.B., Ph.D., Western Reserve University

David E. Smith

Assistant Professor of Biology, (1969; 1969)
A.B., Eastern Baptist College;
M.S., Ph.D., University of Michigan

Rhea Marsh Smith

Professor of History, (1930; 1942)
A.B., Southern Methodist University;
A.M., Princeton University;
Ph.D., University of Pennsylvania

Rufus Burr Smith

*William R. Kenan, Jr. Professor of Economics,
(1967; 1968)*
A.B., Princeton;
A.M., Ph.D., New York University

Richard N. Stabell

*Instructor in History, (1965; 1967);
Director of Admissions and Student Aid*
A.B., M.A.T., University of North Carolina

Bessie W. Stadt

*Associate Professor of Spanish, (1966; 1970);
Director of Learning Laboratory*
B.A., M.A., University of Rochester;
Ph.D., University of Arizona

Lionel M. Summers

*Associate Professor of Political Science,
(1962; 1962)*
B.S., Princeton University;
J.D., George Washington University;
Certificat d'études, Institut des hautes études
internationales, Paris

Lynn M. Terrett

Assistant Professor of French, (1966; 1970)
B.A., College of Wooster
Ph.D., Tulane University

Ronald G. Thompson

Instructor in Art, (1969; 1969)
B.A., M.A., Florida State University

James D. Upson
Associate Professor of Psychology,
(1969; 1969);
Head, Department of Behavioral Science
B.A., University of Florida
M.A., University of Iowa;
Ph.D., Duquesne University

Luis Valdés
Associate Professor of Latin American
Studies, (1970; 1970); Coordinator of
Latin American Studies Program
B.A., M.A., Ph.D., University of
Wisconsin

Paul Anthony Vestal
Archibald Granville Bush Professor of
Science, (1942; 1969)
A.B., Colorado College;
A.M., Ph.D., Harvard University

Edward E. Wahlkamp
Instructor in Economics and Business
Administration, Patrick Air Force
Base Branch, (1968; 1968)
B.S., M.S., University of Kentucky

Bruce B. Wavell
Professor of Philosophy, (1959; 1969);
Head, Department of Philosophy and
Religion; Director, Honors Degree Program
B.Sc., Ph.D., University of London

John Philip Weiss
Assistant Professor of Sociology, (1970; 1970)
B.A., Bowdoin College;
M.A., Ph.D., Yale University

Charles August Welsh
Professor of Business Administration
(1955; 1962); Dean of The Roy E.
Crummer School of Finance and Business
Administration; Director of the Evening
Graduate Programs in Business; Head, Department
of Economics
B.S., M.A., Ph.D., New York University

A. Arnold Wettstein
Assistant Professor of Religion, (1968; 1968);
Assistant Dean, The Knowles Memorial Chapel;
B.A., Princeton University;
B.D., Union Theological Seminary;
Ph.D., McGill University

Henry Robert Wier
Assistant Professor of Mathematics, Patrick Air
Force Base Branch, (1964; 1967)
B.S., United States Naval Academy at Annapolis;
M.S., Purdue University

Marshall Macon Wilson
Assistant Professor of Education,
(1968; 1968);
Director, Graduate Program in Education;
Head, Department of Education
A.A., Mars Hill College
B.A., Carson-Newman College;
M.Ed., Ed.D., Duke University

Frank Wilson Wolf
Assistant Professor of Education,
Patrick Air Force Base Branch, (1970; 1970)
B.S., Florida Southern College;
M.Ed., Ed.D., University of Florida

Richard Schuyler Wolfe
Registrar; Associate Professor of
Mathematics, (1957; 1966)
B.A., Intermountain Union College;
M.A., University of Washington

Ward Woodbury
Associate Professor of Music, (1966; 1966);
Director of Music
B.A., Western State College of Colorado;
M.A., Ph.D., University of Rochester,
Eastman School of Music

Valys Zilius
Assistant Professor of Russian, (1967; 1967)
A.B., Boston University;
M.A., University of Pennsylvania

DIVISIONS OF THE COLLEGE

For administrative purposes the academic departments of the College are organized in four divisions:

HUMANITIES: English, Foreign Languages, Philosophy and Religion

EXPRESSIVE ARTS: Art, Music, Theatre Arts and Speech

SCIENCE AND MATHEMATICS: Biology, Chemistry, Mathematics, Physics

SOCIAL SCIENCES: Behavioral Science (Anthropology, Psychology, Sociology), Economics, Education, History and Public Affairs (History, Political Science), Latin American Studies

GENERAL SUMMARY, FALL TERM 1969-1970

Men Students	604
Women Students	496
Total Enrollment Regular Students . . .	1100

Students Enrolled in Central Florida School for Continuing Studies and Patrick Air Force Base Branch Program for Fall of 1969

Men	1074
Women	441
Total	1515

Students Enrolled in Evening Graduate Programs in Business Administration, Physics, and Education for Fall of 1969

Men	530
Women	274
Total	804

SUMMARY OF ENROLLMENT

Fall Term 1969-1970

GEOGRAPHICAL DISTRIBUTION OF REGULAR STUDENTS

Alabama	6	Missouri	11
Arkansas	1	Montana	1
California	3	Nebraska	2
Colorado	1	New Hampshire	5
Connecticut	69	New Jersey	59
Delaware	4	New York	130
Dist. of Col.	16	North Carolina	18
Florida	285	Ohio	67
Georgia	19	Oklahoma	6
Hawaii	2	Pennsylvania	67
Illinois	36	Rhode Island	3
Indiana	12	South Carolina	5
Iowa	5	Tennessee	22
Kansas	7	Texas	12
Kentucky	17	Vermont	2
Louisiana	7	Virginia	26
Maine	6	West Virginia	4
Maryland	37	Wisconsin	7
Massachusetts	60	Canal Zone	1
Michigan	12	Puerto Rico	2
Minnesota	8	Virgin Islands	4
Mississippi	1		
Foreign Countries			
Bahamas	2	Jamaica	2
Belgium	3	The Netherlands	1
Bermuda	3	Nicaragua	1
Brazil	4	Rep. of Panama	1
Canada	1	Peru	2
Costa Rica	1	Spain	1
Ecuador	3	Switzerland	1
England	2	Venezuela	2
Guatemala	2		

AWARDS

1969-1970

DOCTOR OF LITERATURE

Osborne Bennett Hardison, Jr. . Nov. 9, 1969

DOCTOR OF CIVIL LAW

Robert P. GriffinFeb. 22, 1970

DOCTOR OF LAWS

Warren Charles Hume, '39Feb. 22, 1970

ROLLINS DECORATION OF HONOR

George F. SchlatterMay 24, 1970

Edwin Phillips GranberryMay 29, 1970

HAMILTON HOLT MEDAL

Wendell Cornell StoneMay 29, 1970

ALUMNUS OF THE YEAR

(granted by Rollins College Alumni Association)

Fred McFeely Rogers, '51Feb. 22, 1970

*THE McCOLLOUGH LECTURES
OF ROLLINS COLLEGE*

1969-1970

AFRICA'S 40 NEW NATIONS

General Theodore J. Conway, Ret.
December 10, 1969

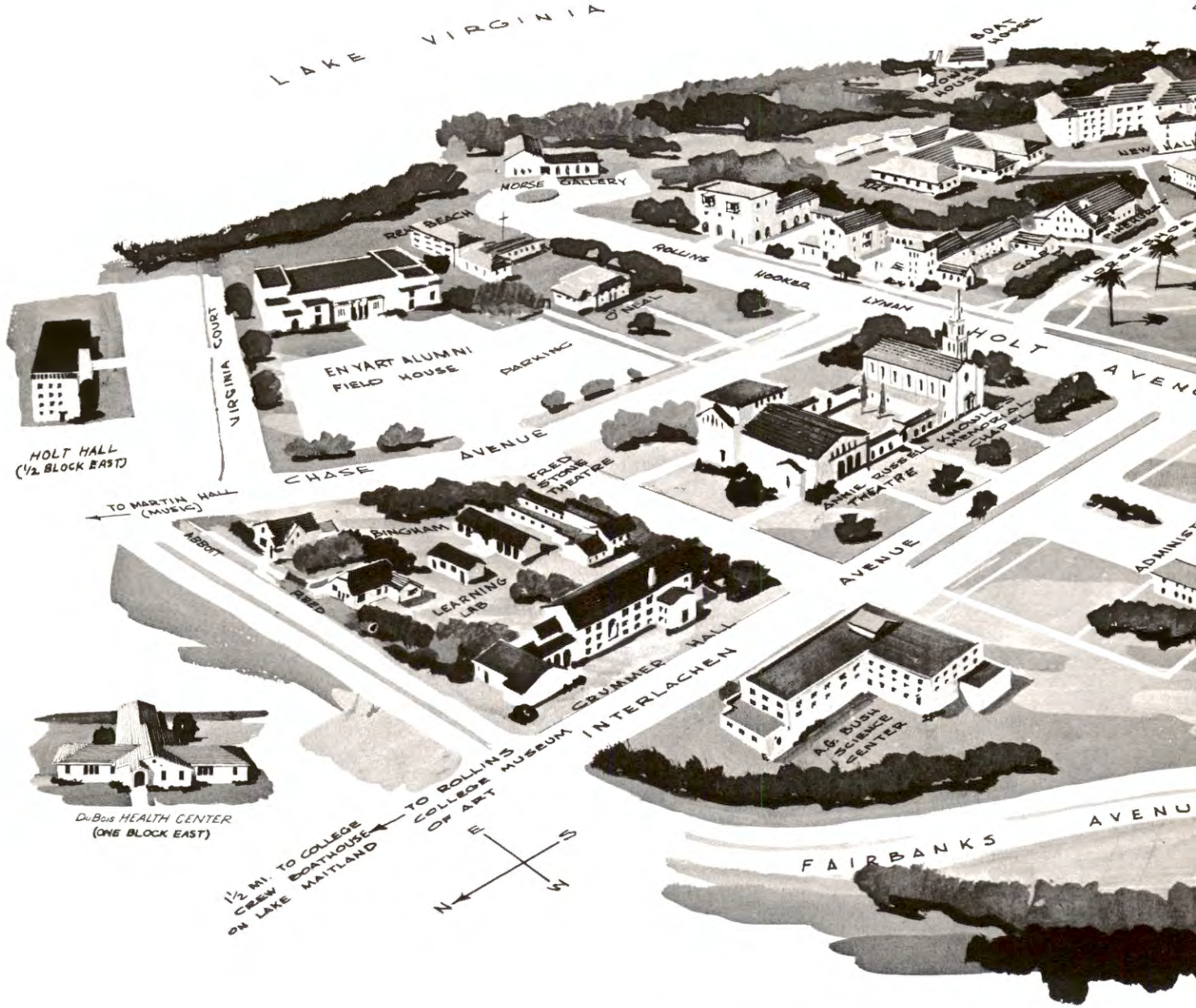
POWER AND POLICY: PEACE OR WAR

Ambassador John O. Bell
February 11, 1970

NEW TRENDS IN COMMUNITY
HEALTH PLANNING

Marion B. Folsom, Sr.
Former Secretary of Health,
Education, and Welfare
March 31, 1970

LAKE VIRGINIA

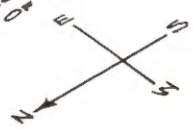


HOLT HALL
(1/2 BLOCK EAST)

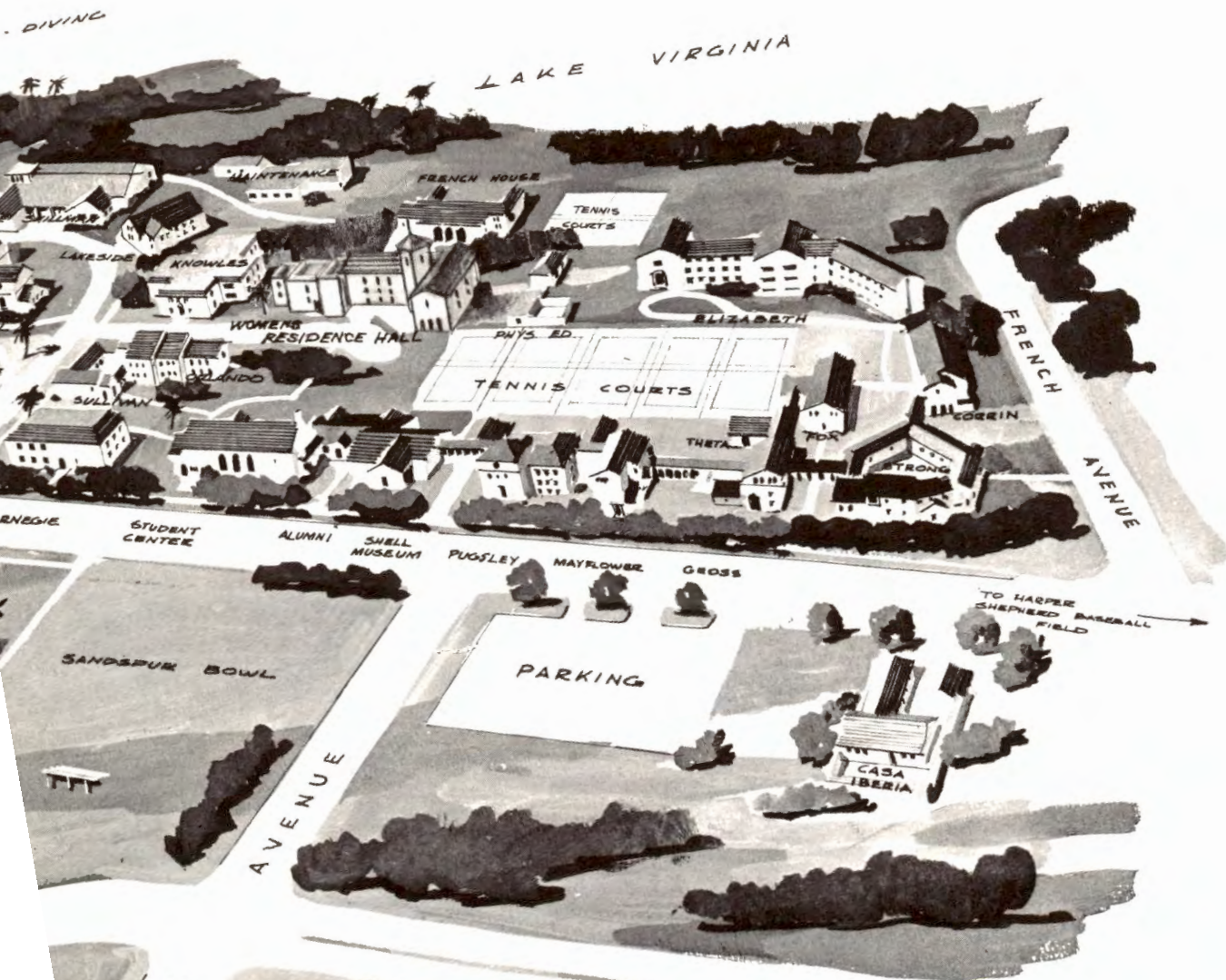


DuBois HEALTH CENTER
(ONE BLOCK EAST)

1/2 MI. TO COLLEGE
CREW BOATHOUSE
ON LAKE MAITLAND



ROLLINS



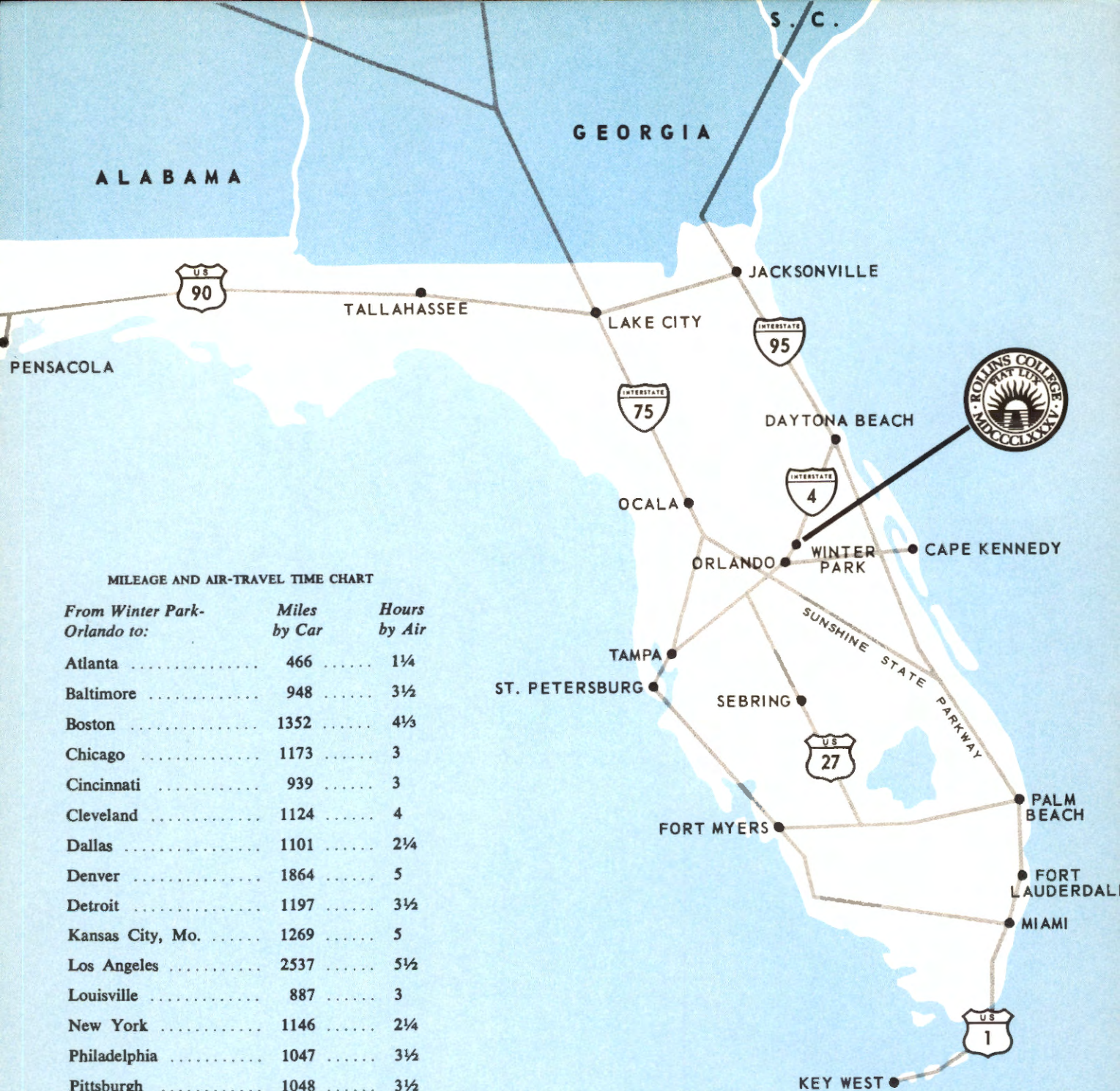
COLLEGE

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MILEAGE AND AIR-TRAVEL TIME CHART

<i>From Winter Park- Orlando to:</i>	<i>Miles by Car</i>	<i>Hours by Air</i>
Atlanta	466	1¼
Baltimore	948	3½
Boston	1352	4½
Chicago	1173	3
Cincinnati	939	3
Cleveland	1124	4
Dallas	1101	2¼
Denver	1864	5
Detroit	1197	3½
Kansas City, Mo.	1269	5
Los Angeles	2537	5½
Louisville	887	3
New York	1146	2¼
Philadelphia	1047	3½
Pittsburgh	1048	3½
St. Louis	1047	2¼
Washington, D. C.	910	2¼

